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SNAPDRAGON, BALL YELLOW HYBRID No. 1

We believe that Ball Yellow Hybrid No. 1 is "the finest golden yellow available." You'll like it for its long, strong stems, outstanding deep gold color, and heavy production. \$3.00 per trade packet of about 2000 seeds; $\frac{1}{2}$ trade packet, \$1.75.

Catalog No. 59
Summer 1949

BETTER
Flower Seeds for Florists

World Famous Pansies

(25,000 seeds per oz.)

There is nothing in the entire range of flowers that will charm or delight so many, at such reasonable cost, as will Pansies. Gardeners anxiously await the first blooms as real harbingers of spring, and eagerly ask for plants long before other bedding stock is called for. The experience that some have had with the hardened, yellow plants sold out of flats in grocery stores can result in more business for any grower who is willing to give his Pansies a little extra care and attention. This, plus good seed, spells the difference.

In the latitude of Chicago, Pansies are usually sown early in August. As far south as Oklahoma this should be delayed until around September 1, because of prolonged hot summers. Sowing is best done in outdoor frame covered with cloth and in light soil containing plenty of decayed organic matter. Close attention to moisture is essential. When large enough to handle, seedlings are transplanted 4 x 4 or 4 x 6 inches into frames or open beds. Some form of loose covering is desirable in the north after plants are frozen in—further south this protection is not so important.

Comparative trials of the world's leading Pansy strains have convinced us that the following are among the finest in existence today.

***Ball Winter Flowering.** Upright growing, long stemmed variety for cut flowers. Sow in July or early August for winter and early spring greenhouse crop. **1/2 tr. pkt., 60c; tr. pkt., \$1.00; 1/8 oz., \$2.50; 1/4 oz., \$4.75.**

***Ball Giant Mixture.** This is our finest and most popular bedding Pansy mixture. We blend this ourselves using the best available strains of Swiss Giants, adding separate varieties to insure a good balance of colors. Tr. pkt., **60c; 1/4 oz., \$2.50; 1 oz., \$8.00; 4 oz., \$30.00.**

***Ball Giant Mixture Dwarf Strain.** A fine Swiss Giant strain selected for dwarf and compact habit. Tr. pkt., **60c; 1/4 oz., \$2.50; 1 oz., \$8.00; 4 oz., \$30.00.**

Maple Leaf Giants. An excellent, extra large flowered strain. Heavy growth with good stems. Tr. pkt., **60c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; 1 oz., \$9.00.**

***Canadian Giants.** This selection from Maple Leaf Giants contains some of the largest flowers in Pansies. Tr. pkt., **90c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1 oz., \$10.00.**

***Englemann's Giant Mixture.** A large flowered and brightly colored strain, many being penciled or veined. Fairly compact growth. We offer originator's seed only. Tr. pkt., **75c; 1/4 oz., \$3.75; 1 oz., \$12.00.**

Roggli Giant Mixture. A choice Swiss bedding strain, predominating in rich red and bronze shades. We supply only the originator's imported seed. Tr. pkt., **\$1.00; 1/8 oz., \$3.00; 1/4 oz., \$5.00; 1 oz., \$18.00.**

America. An exceptionally free flowering mixture with medium sized blooms. Dwarf and extra early. Tr. pkt., **60c; 1/4 oz., \$2.50; 1 oz., \$9.00.**

Geneva Giants. A choice American selected strain of Swiss Giants. Tr. pkt., **75c; 1/4 oz., \$2.75; 1 oz., \$9.00.**

Dwarf Geneva Giants. A dwarf selection of the above. Tr. pkt., **60c; 1/8 oz., \$1.25; 1/4 oz., \$2.50; 1 oz., \$8.00.**

Steele's Jumbo Mixture. We handle the originator's seed of this popular American strain. Tr. pkt., **\$1.00; 1/8 oz., \$3.00; 1/4 oz., \$5.00; 1 oz., \$16.00.**

Improved Swiss Giants. Predominates in rich bronze and red shades. Tr. pkt., **60c; 1/4 oz., \$2.50; 1 oz., \$8.00.**

Delft Blue. Porcelain blue; a much wanted and unusual color in Pansies. Good sized flowers. Tr. pkt., **75c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1 oz., \$10.00.**



Pansy, Ball Giant Mixture, is full of striking colors.

SOMETHING DIFFERENT!

***Butterfly Hybrids.** Ruffled 2 1/2 to 3 in. flowers, including unusual apricot, terra cotta and rosy orchid shades, are freely produced on vigorous plants of medium height. Tr. pkt., **\$1.00; 1/8 oz., \$3.25; 1/4 oz., \$5.75; 1/2 oz., \$10.00; 1 oz., \$18.00; 4 oz., \$35.00.**

SWISS GIANTS IN SEPARATE COLORS

Firebeacon. Brick red.

Coronation Gold. The finest clear yellow.

Lake of Thun. Large flowered blue with darker center.

Alpenglow. Rich garnet red.

Rhinegold. Large flowered yellow with dark center.

Berna. Dark velvety blue.

Mt. Blanc. Best clear white in the large-flowered Swiss type.

Prices above 7, each: Tr. pkt., **75c; 1/8 oz., \$1.75; 1/4 oz., \$3.00; 1 oz., \$10.00.**

Giant Orange. A rich light orange; similar in color to Viola Apricot. Tr. pkt., **\$1.00; 1/8 oz., \$5.50; 1/4 oz., \$10.00.**

Raspberry Rose. Soft pink with contrasting velvety blotch in deeper tone. An entirely new color in Swiss Giant Pansies. Tr. pkt., **\$1.00; 1/8 oz., \$2.25; 1/4 oz., \$4.00; 1 oz., \$12.00.**

1949-'50

Authoritative financial reports predict no more than a slow recession to a more normal state of business. For this reason, we should feel free to as fully prepare for the future as we have during the past few years. However, with some slower collections, the credit end of anybody's business requires closer attention. Unless watched more vigorously, it might get us in deep.

So watch your obligations, and keep after your debtors. If we'd all do this, we'd all have smooth sailing. Don't be one of the weak links that break the chain of good business.

MONEY SAVING DISCOUNT!

On seed orders only (except Cyclamen and Lawn Grass) when payment is enclosed or on C.O.D.'s you may subtract 5% on all orders from \$5.00 to \$25.00. On \$25.00 and over, deduct 8%.

For example: A \$30.00 seed order will actually cost you only \$27.60—a worthwhile saving. And for your files, an

itemized packing slip showing all the items you've bought will be enclosed with your seed. This cash discount does not apply to Cuttings, Plants, Bulbs or Plant Bands unless quoted differently.

Payment should accompany all orders unless credit has been established. C.O.D. shipments 50% in advance.

CATALOG No. 59—SUMMER 1949—BUSINESS TERMS

Note—Cash or C.O.D. Discount! Prices quoted on Cyclamen seed and Plant Bands are net, no cash discount. Plant and Bulb prices are net unless quoted differently in special catalogs or lists. Otherwise, when cash is enclosed, or on C.O.D.s, a discount of 5% is allowed on all seed orders from \$5.00 to \$25.00. On \$25.00 and over, 8% is allowed. Plants, Bulbs and Plant Bands **cannot** be sent C.O.D.

If this is your first order; it should be signed with some **individual's name** in writing. Payment should accompany all orders unless credit has been established. C.O.D. shipments 50% in advance. **Important.** Make all checks or money orders payable to **Geo. J. Ball Inc., WEST Chicago, Illinois.** We cannot be responsible for currency sent in the mail.

All Prices in this catalog subject to change without notice.

All Seed Orders sent prepaid in U.S. and Canada at catalog prices.

Our Business is with **Florists only.** We do not sell at retail.

Our phone number is West Chicago 299. Residence and Sundays call Glen Ellyn, Ill. 907.

Shortages. All items in this catalog are offered subject to crop failures or shortages.

All merchandise sold under disclaimer as follows: We, Geo. J. Ball, Inc., give no warranty, express or implied, as to the productiveness of any seeds, bulbs or plants we send out and we will not be in any way responsible for the crop. Our liability, in all instances, is limited to the purchase price of the seeds, bulbs or plants.

INDEX

	Page		Page		Page		Page		Page	
Boltonia	16	Delphinium	5	Hibiscus	18	Myosotis	18	Saintpaulia	15	
Broom	16	Dianthus	17	Hollyhock	18	Nepeta	18	Salvia	19	
Bulbs, Lily	20	Dicentra	17	Iberis	18	Oenothera	19	Saponaria	19	
Bulbs, Misc.	.....21, 22 23	Dictamnus	17	Incarvillea	18	Pansy	Cover 2	Scabiosa	19
Calceolaria	13	Digitalis	17	Iris	18	Petunia	Cover 3	Schizanthus	15	
Calendula	9	Echinops	17	Larkspur	10	Phlox	19	Small Plants	24	
Campanula	16	Euphorbia	17	Lathyrus	18	Physalis	19	 Snapdragon	2, 3, 4	
Carnation	16	Exacum	15	Lavandula	18	Physostegia	19	Statice	19	
Catananche	17	Fuchsia	15	Leontopodium	18	Plant Bands	24	 Stocks	6, 7	
Centaurea	17	Gaillardia	17	Liatris	18	Platycodon	19	Streptocarpus	15	
Cerastium	17	Geum	17	Lily	18	Poppy	19	 Sweet Peas	8, 9	
Cheiranthus	17	Gilia	17	Linum	18	Primula		Thalictrum	19	
Chrysanthemum	17	Gypsophila	17	Lobelia	18	Annual	14	Thermopsis	19	
Cineraria	12	Helianthemum	18	Lunaria	18	Perennial	19	Tritoma	19	
Clematis	17	Helleborus	18	Lupinus	18	Pyréthrum	19	Trollius	19	
Coreopsis	17	Hesperis	18	Lychnis	18	Veronica	19	Viola	19	
Cyclamen	13	Heuchera	18	Marigold	15	Rudbeckia	19	 Yucca	19	
Daisy	17			Matricaria	18					

"Flower Seeds



for Florists"



The above picture of Hybrid and open pollinated Snaps pretty well tells its own story. Both were produced under identical West Chicago conditions. That insistent seed demand for the Hybrids is significant.

Forcing Snapdragons

Today Snaps clearly head the list of profitably produced cut flowers grown from seed. And, judging by their popularity and returns, they will hold this position.

We've been specializing in the production of greenhouse grown Snap seed for many years—long enough to overcome the problems connected with it. **All our seed of all self pollinated varieties is grown by us.** Thru our careful single plant selections every variety will be found as true to type and color as it can be.

HYBRID SNAPS

The increasing popularity of today's Snaps is largely due to that "Hybrid vigor" class. Their added strength not only increases the length of stems, but flower spikes and size of florets as well. Hybrids are the result of crossing two distinct true line strains. The result comes true in the first generation, but breaks up in the second.

We've been working hard on the Hybrids and have our Ball Yellow No. 1 to offer. Later this season we hope to have a crimson scarlet (Ball Red No. 7) ready that will make obsolete all other available forcing reds. We also have a number of rose pinks that are very choice. And a bronze and a lavender that are valuable, particularly because of earliness. **Market growers cannot afford to miss the value of these distinctive Hybrids. They will be made available as soon as seed can be produced.**

BALL HYBRIDS

The following two are our first introductions in this valuable new class. We believe the Hybrids have a real future and we're going to do our part in developing them. In the April '49 issue of our "Grower Talks" will be found a full account of this work, together with an explanation of the subject that might interest you.

***Ball Yellow Hybrid No. 1** (Pictured in color on front cover). A rich golden yellow with long stems and flower spikes; very productive. Can easily be flowered in January from a mid-July sowing. Available from new crop which should be ready by early July. $\frac{1}{2}$ tr. pkt., \$1.75; tr. pkt., \$3.00.

***Ball Red Hybrid No. 7.** Because of its long stems and flower spikes, this Hybrid red obsoletes all forcing reds. Has that wanted bright crimson color. With us a sowing made mid-July and grown on raised beds in a 50° house will be just right for Christmas cutting. New crop should be ready by early July. $\frac{1}{2}$ tr. pkt., \$1.75 tr. pkt., \$3.00.

SMALL PLANTS

Above 2 Varieties Available in 2 inch Bands in Sept.

Shipped in our well known Ball-Pak at \$7.00 per 100. Minimum order 100.

Other Hybrids and Popular Inbred Varieties

Also available during fall and winter. See our classified ads in the "Florists' Review" for varieties and prices.

OTHER HYBRIDS

Better Times (Windmiller). Bright cerise rose; medium length stems and compact spikes. $\frac{1}{2}$ tr. pkt., \$1.25; tr. pkt., \$2.00.

Christina (Yoder). Light pink; flowers between Maryland Pink and Mary Ellen. $\frac{1}{2}$ tr. pkt., \$1.75; tr. pkt., \$3.00.

***Christmas Cheer** (Windmiller). Extra early and productive, bright rose pink. One of the most popular Hybrids. $\frac{1}{2}$ tr. pkt., \$1.75; tr. pkt., \$3.00.

***Dorcas Jane** (Burkey). A second early with good stems and long spikes of clear silvery rose. $\frac{1}{2}$ tr. pkt., \$1.50; tr. pkt., \$2.50.

***Goldrush** (Winkler). A medium yellow with long spikes and large florets; good producer. Lighter in color and spike more loosely formed than Ball Yellow Hybrid No. 1. $\frac{1}{2}$ tr. pkt., \$1.75; tr. pkt., \$3.00.

***Mary Ellen** (Yoder). Same color as Maryland Pink, but somewhat later and has longer stems and flower spikes. $\frac{1}{2}$ tr. pkt., \$1.50; tr. pkt., \$2.50.

***Maryland Pink** (Winkler). Soft, creamy pink; early flowering with medium length stems. $\frac{1}{2}$ tr. pkt., \$1.75; tr. pkt., \$3.00.

Maxine (Smith). A new rose pink Hybrid, slightly deeper than Dorcas Jane. A winter bloomer with fine stems. Comes back quickly for second crop. $\frac{1}{2}$ tr. pkt., \$1.75; tr. pkt., \$3.00.

Forcing Snapdragons (continued)

BALL 10 BEST

(Self-Pollinated Varieties)

Not everybody's market or conditions will agree with our best selection. But it is based not only on our conditions and experience with them, but on seed demands as well. Note the Hybrids are in a different class and are not included under this heading. Following are listed in order of seed sales:

- ***Margaret.** While not paper white, Margaret heads the list for seed sales. This is due to its free flowering or its "comeback" in production, and its strong, medium long stems. Most valuable if color purity is not important, and it seems not to be in most wholesale markets. Tr. pkt., \$2.00.
- ***Ethel.** Ranks high in sales because there is nothing better in yellow, except our Yellow Hybrid. Medium early, fairly long stemmed, and a clean grower. Tr. pkt., \$1.50.
- ***Cheviot Maid No. 33.** Clear light rose pink, produces freely; not grassy. An excellent commercial pink. Tr. pkt., \$1.50.
- ***Peace.** An almost perfect pure paper white. Long stemmed, clean, and a true early. Tr. pkt., \$1.50. Some prefer White Wonder Imp., new crop of which will be available by early July.
- ***Delworth's Supreme.** The fairly deep rose pink color and long stems of this we find outstanding. As it becomes better known, it will get higher on this "demand for seed" list. Tr. pkt., \$1.50.
- ***Lady Dorothy.** The best reddish bronze. Both stems and flower spikes are long and durable. This, with its color, makes it quite effective. ½ tr. pkt., \$1.75; tr. pkt., \$3.00.
- ***Rockwood Pink Supreme.** A fairly deep, bright rose pink, with compact spikes and heavy stems. This combination of good points will take in any market. Tr. pkt., \$2.00.

PLEASE NOTE

½ tr. pkts. of any variety priced at \$1.00 are supplied at **60c**; ½ pkts. of \$1.50 varieties, **\$1.00**. No ½ pkts. on \$2.00 or \$3.00 varieties **EXCEPT WHERE NOTED**. While we obviously have no control over the amount of seed in originator's packets, all of our own contain at least 2,000 seeds.



Picturing our greenhouse grown Snap seed crop ripening in the May sun. All vents are screened to prevent cross pollination by bees.

***Peggy Schumann.** Beautiful, creamy rose pink, with florets well spaced. Medium stems. Generally used for late or after Mum planting. Tr. pkt., \$2.00.

***Ball Lavender.** Most popular in this color. This variety is a medium light lavender generally considered more attractive than the darker shades. Extra strong and long stemmed. Largely used for late planting. Tr. pkt., \$1.50.

***Schisler's Red.** Somewhat improves Ball Supreme Red in spike and stems. Our new Ball Red Hybrid No. 7 will be found far superior to either. Tr. pkt., \$2.00.

***Ball Forcing Mixture.** Carefully blended from our best varieties. Tr. pkt., \$1.00.

See following page for general list of Snapdragons

Forcing Snapdragons (continued)

GENERAL LIST (Except Hybrids and 10 Best)

	Tr. pkt.
Afterglow. Standard orange bronze.....	\$1.00
* America. Large flowered deep rose and orange bi-color. Attractive novelty color	1.50
Ball Dwarf White. Quite nice for pot plants. Not a cut flower type. Cultural notes with each packet.....	1.00
Ball Early Pink. Attractive early flowering deep rose. Should be grown on raised beds for well shaped spikes.	1.00
Bertha Baur. Prefer Ball Lavender.....	1.50
Bronze Christmas Cheer. ½ tr. pkt., \$1.25.....	2.00
Carol Jean. Light, creamy yellow.....	2.00
Ceylon Court. Standard yellow; rather late.....	1.00
Cheviot Maid Reselected. Popular rose pink. Hoods some in winter, but is fine in spring.....	1.00
Coates' Yellow Perfection. A fine yellow for spring.....	1.00
Daybreak. Clear light pink.....	1.00
Early Cincinnati. Our own early flowering strain of this fine light rose	1.00
Feist's White. Slightly creamy white with yellow lip; early and free flowering	2.00
Gilbert's Pink. Deep rose pink.....	1.50
* Glorious. Rich reddish bronze for spring.....	1.50
Ideal Imp. (Hodaly's). Blend of rose, orange and yellow.....	1.50
Junglewood Lemon. Mid-season, clear pastel lemon. Light but attractive. ½ Tr. pkt., \$1.25.....	2.00
* Junglewood White. Extra long stemmed pure white. Rather late flowering with us. ½ Tr. pkt., \$1.25.....	2.00
* Junglewood Yellow. A clean growing rich yellow by the introducer of Junglewood White. ½ Tr. pkt., \$1.25.....	2.00
Kirkwood Beauty. Orange bronze	1.00
* Klondike Supreme. Rich deep yellow. A vigorous growing, large flowered variety.....	1.00
Koester's White. Extra early pure white with medium length stems. We prefer Peace.....	1.50
La France. Attractive light pink.....	1.50
* Lucky Strike Imp. Long stemmed, ivory white.....	1.50
Madeline. Late flowering, pure white.....	3.00
Maiden's Blush Imp. Pale pink. ½ tr. pkt., 85c.....	1.50
* Marie Louise. A beautiful light shell pink. Especially choice color for spring.....	2.00
Marion. Popular spring flowering white.....	1.50
* Miss Wooster. Spring flowering, golden orange.....	1.00
* New Cincinnati. Medium rose pink with shatter-proof spikes and extra long stiff stems.....	1.00
Red Lips. Bright wine red with gold lip and white tube. An attractive bicolor novelty.....	2.00
* Rose Queen. Widely grown, deep rose.....	1.00
* St. Louis Pink. Excellent light pink for spring.....	1.50
* Schaffroth's White. Clean growing creamy white with long stems and heavy spikes.....	1.50
Schumann's Lavender. Popular spring variety.....	2.00

NEW SNAP

***Charm (Hodaly's).** Originated by John Hodaly of Nielrose Park, Ill. It is outstanding for color, which is a strong deep rose. In fact, it is quite alone in its rich, deep shade. Flowers are extra large, and are well spaced on long spikes. Stems are of medium length, and like the variety Margaret, it makes enough laterals or bottom breaks to make a prompt come-back crop. Tr. pkt., \$2.50.



Snap "Margaret"; a good producer and a clean grower (See page 3).

	Tr. pkt.
Snowdrift. Double flowering white. At its best during spring months. ½ tr. pkt., \$1.75.....	\$3.00
Snow White. Fine white for Easter and later.....	1.50
Sunlite. Early bronze. We prefer Lady Dorothy.....	1.00
Talisman Imp. Double and semi-double flowers of golden bronze. Fairly early with good stems.....	2.00
Tetraploid Rose. Extra large, deep cerise rose. This is a true winter flowering tetraploid.....	1.50
Thomson's Yellow Imp. Early flowering deep yellow. Better spike and uniformity than Yellow Wonder.....	2.00
* Westover's Fringed White. Large attractively fringed white. One of the better varieties for spring.....	1.00
Westover's Fringed White Early. Early selection of the above. Unusually nice	1.50
* White Wonder Imp. Well known, pure white.....	1.50
* Windmiller's Lilac. Long stemmed, rosy lilac.....	2.00
Yellow Peggy Schumann.	2.00
Yellow Wonder Improved. Extra early, but with some unevenness in color and habit of growth.....	1.50
Standard Early Mixed. Mixture of all varieties.....	.75

PLEASE NOTE

½ tr. pkts. of any variety priced at \$1.00 are supplied at 60c; ½ pkts. of \$1.50 varieties, \$1.00. No ½ pkts. on \$2.00 or \$3.00 varieties EXCEPT WHERE NOTED. While we obviously have no control over the amount of seed in originator's packets, all of our own contain at least 2,000 seeds.

Florists' Delphinium

(10,000 seeds per oz.)

THREE OUTSTANDING GIANT PACIFIC HYBRIDS

We believe these three varieties are among the best Hybrid Delphinium on the market today, and should be grown by every florist.

- ***Galahad Series.** The finest clear white Delphinium. Huge, double flowers on long closely set-spikes.
 - ***Guinevere Series.** Excellent, light pinkish-lavender with white bee.
 - ***Summer Skies Series.** Light blue with an attractively contrasting white bee.
- Prices** above 3, each: **Originator's seed.** $\frac{1}{2}$ tr. pkt., \$1.00; tr. pkt., \$1.75; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.00.
Grown from Originator's Seed. Tr. pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00; 1 oz., \$14.00.

If you're passing up Delphinium, we honestly feel that you're missing a mighty good chance for extra profits. They're easily grown, take little costly greenhouse space, and the Giant Pacific Hybrids are remarkably free from pests and diseases—especially mildew. A little effort at display should sell plenty of plants for you, and you can't beat them for your own summer cut flower use.

Delphinium will germinate poorly in a high temperature. We find the best plan for producing strong plants to sell or plant out in spring is to sow around Sept. 1 in finely prepared soil in a cold frame. Be sure it is well watered and sow thinly to avoid the necessity for transplanting.

For forcing, sow the seed not later than Aug. 1 in flats set in the coolest spot available and later transplant the seedlings into frames. After a short rest, or late Nov. they should be taken up and planted in a cold house spacing 6 x 8 in. About Feb. 1, start them into growth in a minimum temperature of 40-45°, later increasing to 50° nights. This schedule should get them into full crop by Mother's Day. The finest of all hybrid Delphinium are the Giant Pacific Hybrids.

MISCELLANEOUS VARIETIES

***Belladonna Imp.** (Cliveden Beauty). A carefully reselected strain of this popular light blue. Tr. pkt., 35c; $\frac{1}{4}$ oz., 95c; 1 oz., \$2.85; 4 oz., \$10.00; 1 lb., \$35.00.

Belladonna. Standard light blue. Tr. pkt., 30c; $\frac{1}{4}$ oz., 70c; 1 oz., \$2.20.

Bellamosum Improved. A reselected strain of this standard deep blue. Tr. pkt., 35c; $\frac{1}{4}$ oz., 95c; 1 oz., \$2.85; 4 oz., \$10.00; 1 lb., \$35.00.

***Lamartine.** Deep, bright marine blue with white eye. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.35; 1 oz., \$4.75.

***Blackmore and Langdon Hybrids.** Shades of blue with contrasting bees. A fine free-flowering hybrid strain. Tr. pkt., 35c; $\frac{1}{4}$ oz., 90c; 1 oz., \$2.70; 4 oz., \$9.00.

Wrexham or Hollyhock Strain. Extra large, tapering spikes. Long blooming period. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.60; 1 oz., \$5.50.

Gold Medal Hybrids. Tr. pkt., 25c; $\frac{1}{4}$ oz., 50c; 1 oz., \$1.75.

Cardinale. Bright scarlet. Tr. pkt., 35c; $\frac{1}{4}$ oz., 80c; 1 oz., \$2.40.

DELPHINIUM CHINENSIS (Annual Delphinium)

(20,000 seeds per oz.)

***Blue Mirror.** Bright navy blue flowers without spurs. Tr. pkt., 50c; $\frac{1}{4}$ oz., \$1.20; 1 oz., \$3.60.

***Cambridge Blue.** The standard Belladonna-blue variety. Tr. pkt., 35c; $\frac{1}{4}$ oz., 75c; 1 oz., \$2.60.

White Dark Blue Mixture

Prices above 3, each: tr. pkt., 20c; $\frac{1}{4}$ oz., 35c; 1 oz., \$1.25.

GIANT PACIFIC HYBRIDS Court Series

***Percival Series.** Large glistening white flowers with strongly contrasting black bees. **Originator's seed only.**

***Blue Bird Series.** The clearest of medium blues with white bees.

Black Knight Series. Deep midnight violet. The darkest of them all.

Blue Jay Series. A brilliant true medium blue with dark bee.

Cameliard Series. A pure lavender self with white bee. Very attractive.

***King Arthur Series.** Royal violet with white bee. Exceptional flower size.

Guinevere Series. See box above.

Galahad Series. See box above.

Summer Skies Series. See box above.

Round Table Series. Contains all above varieties plus many new colors.

Prices above 10, each:

Grown from Originator's Seed (Except Percival). Tr. pkt., \$1.25; $\frac{1}{8}$ oz., \$2.50; $\frac{1}{4}$ oz., \$4.00; 1 oz., \$14.00.

Originator's seed. $\frac{1}{2}$ tr. pkt., \$1.00; tr. pkt., \$1.75; $\frac{1}{8}$ oz., \$3.00; $\frac{1}{4}$ oz., \$5.00; 1 oz., \$18.00.

GIANT PACIFIC HYBRIDS Regular Strains

Clear White. A very fine clear white, large flowered hybrid Delphinium.

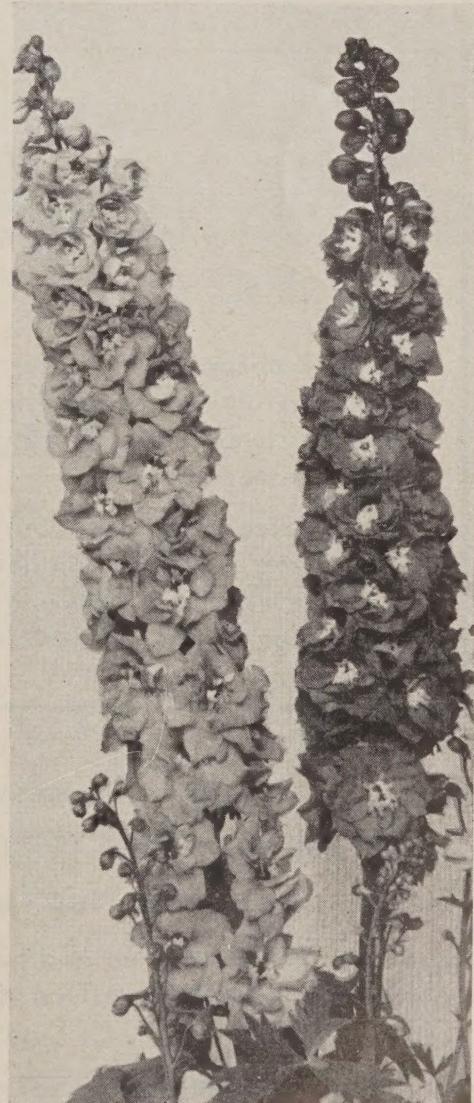
Blue Shades. Mixture of light, medium and dark blue shades. Very popular.

Lavender Pastel Shades. Lavender combinations with brown or black bees.

Mixture. A complete mixture of all colors in this fine hybrid type.

Prices above 4, each: tr. pkt., \$1.00; $\frac{1}{8}$ oz., \$2.00; $\frac{1}{4}$ oz., \$3.50; 1 oz., \$12.00.

New crop Delphinium seed will be ready for shipment in July.



The Giant Pacific Hybrid strain of Delphinium is the finest available for the commercial cut flower grower.

Ball Stocks

NON
BRANCHING

(18,000 seeds per oz.)

Because of their long stems, rich fragrance and choice colors, Stocks are an ever popular cut flower. On raised or shallow beds they flower about 10 days earlier than in ground beds. But they produce longer stems in deep beds. We get clearly stronger results by sowing direct—no transplanting checks. This plan requires less labor, and that's important.

Thru annual and extensive single plant selection we do all possible to maintain a high percentage of doubles, and to improve the type, in our strains of Non-Branching Stocks.

Prices on All Non-Branching Stocks: $\frac{1}{2}$ Tr. pkt., 60c; Tr. pkt. (about 1,200 seeds), \$1.00; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$9.00.

OUR 3 BEST

***No. 16 Ball White Medium Tall.** This early, pure white is the most popular variety on our entire list. Well-liked because of its extra large florets and well-formed, compact spikes.

***No. 22 Ball Supreme.** A long stemmed, vigorous growing variety with fine, heavy spikes of rich silvery rose. The most outstanding Stock in its color class.

***No. 1 Lilac Lavender.** Our original Non-Branching Stock; continues to be widely grown everywhere. Spikes are long and full with large silvery lilac florets.

White Varieties

***No. 99 Ball White.** New (See box under photo).

***No. 16 Ball White-Med. Tall** (See 3 Best, above).

Gardenia. Long stemmed and pure white, but not entirely non-branching. One of the latest flowering varieties.

No. 5 Ball Dwarf White. Spikes of this dwarf Non-Branching Stock resemble a white Hyacinth. An ideal pot plant variety.



NEW! BALL WHITE NO. 99

Because of its vigorous growth we find this new stronger grower more resistant to stem rot than is our well known No. 16. It also average about 4 to 6 inches longer stemmed than No. 16, with longer, pure white spikes. Seed ready in Sept. in time for next Easter's sowing. No advance in price.

Pink, Rose and Red Varieties

***No. 22 Ball Supreme** (See 3 Best, at left).

No. 11 Ball Pink. A medium light rose pink. Earlier and somewhat lighter than our No. 22, but not quite as long stemmed.

***No. 14 Ball Rose Pink.** An early flowering fairly deep rose pink. Darker in color and longer stemmed than the above variety.

No. 9 Chamois Pink Improved. A warm rosy buff color; good stem length and percentage of doubles.

No. 7 Malmaison Pink. Long stemmed, blush pink. An exceptionally clear and attractive color.

No. 6 American Beauty. Rich deep American Beauty or carmine rose. An appealing but rather heavy color.

No. 8 Ruby. Long stemmed, glowing crimson red. Plant moderately of this rather strong color for market use.

Ball Stocks

NON
BRANCHING
(CONTINUED)

Lavender, Blue and Purple Varieties

- ***No. 1 Lilac Lavender** (See 3 Best, opposite page).
- No. 3 Ball Blue.** A medium lavender mauve. Somewhat lower in percentage of doubles than other varieties.
- ***No. 21 Purple Heart.** Long stemmed and large flowered, bright violet purple. Striking in combination with white, buff and yellow shades.
- No. 23 Pastel Lavender.** A pale, smoky lavender selection from our Lilac Lavender.

Miscellaneous Varieties

- ***No. 20 Ball Apricot.** Large flowered creamy buff with faint pink tinge. Blends well with lavenders and purples.
- No. 24 Deep Apricot.** A somewhat darker and warmer shade than No. 20. Near terra cotta.
- No. 17 Gold Standard.** Creamy ivory yellow. An attractive novelty color.
- No. 10 Mixture.** Our own formula mixture. Contains mostly good market varieties with a limited amount of novelty colors.
- Prices on All Non-Branching Stocks:** $\frac{1}{2}$ Tr. pkt., 60c; Tr. pkt. (about 1,200 seeds), \$1.00; $\frac{1}{4}$ oz., \$2.50; 1 oz., \$9.00.



Hundreds of single plant selections (indicated by the labels) make up our greenhouse planting of Ball Stocks for seed, insuring dependable double percentages.

BRANCHING STOCKS

Retail growers should include some of this class in their planting. All, with the exception of the Dwarf Ten Week, are handled the same. Plant 8 x 8 in. and top when about 8 in. tall for plenty of good flowers with medium length stems. The Dwarf Ten Week type is largely used for pot plants.

GIANTS OF CALIFORNIA

- Golden Gate.** Soft, creamy yellow.
- Monterey.** A clear bright pink.
- ***Pacific.** Fairly dark lilac-mauve.
- Redwood.** Blood red.
- Santa Barbara.** Chamois or buff.
- ***Santa Maria.** Best branching white.
- ***Tahoe.** Clear lavender.
- ***Yosemite.** Rich rose pink.

Prices above 8, each: Tr. pkt., 35c;
 $\frac{1}{4}$ oz., \$1.25; 1 oz., \$4.50.

Mixture of all colors in this class. Tr. pkt., 35c; $\frac{1}{4}$ oz., \$1.15; 1 oz., \$4.00.

PERPETUAL BRANCHING

- Empress Aug. Victoria.** Lilac. Mixture
- Prices** above 2, each: Tr. pkt., 30c;
 $\frac{1}{4}$ oz., 75c; 1 oz., \$2.65.

IMPROVED BISMARCKS

- Antique Copper.** Fine copper red.
- Apple Blossom.** Pale, delicate pink.
- Blood Red.** Bright ruby red.
- ***Chamois.** Clear chamois or buff.
- ***Elk's Pride.** Rich purple.
- Flesh.** Pale coral pink.
- Golden Ball.** Ivory yellow.
- ***Lavender.** Clear lilac lavender.
- Lilac.** Fairly deep lilac blue.
- ***Rose.** Fine bright rose pink.
- ***Shasta.** Giant-flowered white.
- Formula Mixture** of above colors.

Prices above 12, each: Tr. pkt., 35c;
 $\frac{1}{4}$ oz., \$1.15; 1 oz., \$3.50.

BEAUTY OF NICE

- Cote D'Azure.** Light lavender-blue.
- Flesh Pink** (Beauty of Nice).
- Mont Blanc.** Extra early pure white.
- Queen Alexandra.** Fine rosy lilac.
- Mixture.**

Prices above 5, each: Tr. pkt., 30c;
 $\frac{1}{4}$ oz., 75c; 1 oz., \$2.65.

DWARF TEN WEEK

- | | | |
|----------------------|------------------------|-----------------|
| Blood Red | Carmine-Pink | Lavender |
| Canary-Yellow | Deep-Rose | Purple |
| White | Formula Mixture | |

Prices above 8, each: Tr. pkt., 25c;
 $\frac{1}{4}$ oz., 65c; 1 oz., \$2.00.

Winter Sweet Peas

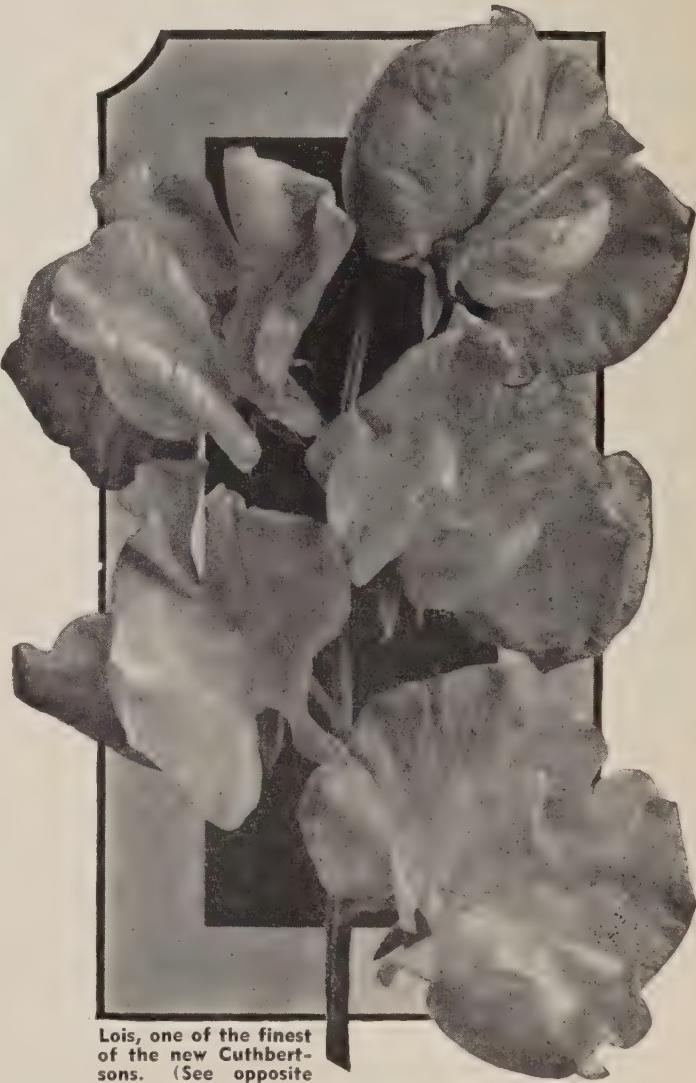
(350 seeds per oz.)

Winter Peas are almost indispensable for the retail grower—and when well grown, most any wholesale market will welcome a reasonable amount of them. To be profitable though, they must be grown in sterilized soil and sown early enough to get the vines sufficiently hardened to hold buds for winter flowering. With us this is early July—later further south. Our monthly "Grower Talks" (2 years \$1.00) gives timely cultural details.

OUR 12 BEST (Forcing Varieties)

- ***Ball Blue Supreme.** The same rich blue color as Mrs. Hoover, but larger flowered and a better producer.
- ***Ball Orange Supreme.** Improves the original Ball Orange in better stem length and more brilliant color.
- ***New Ball Rose.** Free flowering, bright rose. Shorter vines make this variety valuable where headroom is limited.
- ***Ball Rose Queen.** Extra long stemmed and large flowered clear rose pink. One of the finest commercial varieties.
- ***Ball Rose Supreme.** Large wavy flowers of bright silvery rose pink. Good stems and free flowering.
- ***Twilight.** A bright clear lavender. Considered by many as an improvement over Harmony.
- ***Triumph.** Long stemmed, rich lilac mauve; very well liked on most markets.
- ***Rhapsody.** Extra large flowered, deep rosy lavender.
- ***Ball White.** The finest long stemmed pure white; white seeded.
- ***Ball Salmon.** Fairly deep salmon pink; an excellent producer.
- ***Treasure Island.** Extra large wavy flowers of glowing orange scarlet.
- ***Fiesta.** Brilliant scarlet cerise; we consider this the finest red in early Peas.
- ***12 Best Mixture.** Our own formula mixture of the above varieties.

Prices above 13, each: $\frac{1}{2}$ oz., 30c; 1 oz., 50c; 4 oz., \$1.50;
1 lb., \$5.50.



Lois, one of the finest of the new Cuthbertsons. (See opposite page).

STANDARD VARIETIES

- American Beauty.** American-Beauty rose.
- Apollo.** Salmon-cerise; fine for spring.
- Attraction.** Long-stemmed salmon rose.
- ***Bacchus.** Deep maroon-purple. Large flowered.
- Boon.** Deep salmon-rose.
- Bridesmaid.** Delightful silvery pink. Long stemmed.
- Cascade.** Extra large, white seeded white.
- ***Daphne.** Soft salmon-pink on cream. Large flowered.
- Fragrance.** Clear lavender for spring flowering.
- ***Gardenia.** Long-stemmed pure white for spring.
- Harmony.** Standard early flowering lavender.
- ***Hiawatha.** Strong growing, large flowered deep rose.
- ***Hope.** Fine black-seeded white.
- Jeanne Mamitsch.** Clear rose; long stemmed.
- Josie.** Rose pink; rather small flowered.
- ***Laddie Imp.** Long-stemmed fairly light rose pink.
- Majestic Rose.** Large-flowered pink.
- Michigan.** Clear lavender.
- ***Mrs. Hoover.** Standard early mid-blue.

- ***Mother Machree.** Large coral rose flowers; semi-duplexed.
- Oriental.** Black-seeded cream.
- Pride.** Extra long-stemmed brilliant cerise.
- ***Princess Blue.** Large flowered, light blue; very attractive.
- ***Redwood.** Large-flowered, deep velvety crimson.
- Sequoia.** Large flowered standard salmon rose.
- ***Signal Red.** Long-stemmed brilliant red.
- ***Sparks.** The finest poppy scarlet.
- ***Tahoe.** Fine mid-blue for spring flowering.
- ***Titania.** Extra large flowered deep rose; heavy stems.
- ***Top Hat.** Deep bright violet-blue.
- ***Tops.** Extra large, wavy flowered, light salmon rose.
- ***White Harmony.** Similar to Hope; black-seeded.

Prices all above, each: $\frac{1}{2}$ oz., 30c; 1 oz., 50c; 4 oz., \$1.50;
1 lb., \$5.50.

Ball Early Mixture. Carefully balanced mixture of winter varieties. $\frac{1}{2}$ oz., 25c; 1 oz., 45c; 4 oz., \$1.35; 1 lb., \$5.00.

Spring Peas

Cuthbertson Strain

(350 seeds per oz.)

For greenhouse sowing between October and February, we find this strain superior to the Early or Winter class. While their stronger growth makes them a week or 10 days later flowering, they are generally longer stemmed and last longer into the spring than the weaker growing Earlies. They are also increasingly used for outdoor planting, being somewhat earlier than the Late or Summer class.

Billy. Bright cerise rose on salmon; very showy.

***Carol.** Attractive clear pink on white ground.

***Coline.** Vivid, intense scarlet.

Danny. Brilliant deep marine blue.

Evelyn. Extra long stemmed, soft salmon pink.

***Frank G.** Fine soft rosy lavender. One of the best.

Hazel. Soft, light "Princess Blue" shade.

***Janet.** Large frilled white flowers are carried on long heavy stems; black seeded.

Jennie (New). White seeded white.

***Jessie.** Closely resembles Winter Flowering "Triumph" in its rich lilac coloring.

***Lois.** Light rose pink, similar in color to "Ball Rose Queen" in the Winter class.

***Tommy.** A clear mid-blue about the color of "Mrs. Hoover" in the Winter class.

Prices above 12, each: 1/2 oz., 35c; 1 oz., 65c; 4 oz., \$2.00; 1 lb., \$6.50.

***Mixture.** A mixture balanced according to demand for each color. 1/2 oz., 30c; 1 oz., 55c; 4 oz., \$1.65; 1 lb., \$5.50.

Late Peas

(350 seeds per oz.)

BALL 10 BEST

***Pinkie.** Finest large flowered rose pink; long stemmed and a heavy producer.

***Snow White.** The finest clear white; black seeded.

***Ball Shrimp Pink.** A pleasing soft shrimp pink. Vigorous growth and long stem make this outstanding.

***King Lavender.** Exceptionally fine clear even lavender with long, strong stems. Excellent growth.

***Windsor Blue.** A supremely fine mid-blue. Its clear even color, stem length, and flower size set it apart.

***Welcome.** An intense sunproof scarlet of vigorous growth. Fine flower size and stem, and a heavy producer.

***Maytime.** A bright golden cerise with large flowers and long stems.

***Olympia.** A rich mauve; similar in color to the winter flowering variety, "Triumph."

***Stylist.** Large flowers of clear, deep salmon rose pink.

***Sweet Afton.** Strong growing clear bright pink. An excellent variety.

Ball Best Mixture. Composed only of the best varieties in proportion to their commercial value.

Prices above 11, each: 1/2 oz., 20c; 1 oz., 30c; 4 oz., 90c; 1 lb., \$2.90; 5 lbs., \$12.50.

Ball Calendula

(3,000 seeds per oz.)



A well grown house of Ball Masterpiece Calendula.

Due to the ease with which Calendula of ordinary quality can be grown, they are sometimes overdone, making them rather unprofitable. Because of this we can't help emphasizing that profits come only from well grown stock. This calls for an **early start** (July in our locality); **cool temperatures**—not over 45° nights during fall and winter (40° is better); and **regular disbudding**—to insure large 4 to 5 in. flowers on long stiff stems. Ground beds are preferable, but not absolutely necessary. We grow our own Calendula this way and our crop rarely fails to show a profit on our wholesale market.

Considering that the crop is usually cut out by Valentine's Day, permitting a follow-up crop of spring Snaps, we feel that most every grower should have at least a bed or so of this real bread and butter crop.

***Ball Improved Long Orange.** The longest stemmed and largest flowered variety. Golden orange with light eye.

***Ball Masterpiece.** Deep glowing orange with dark eye.

***Ball Lemon Queen.** Lemon yellow with dark brown eye.

***Ball Gold.** Deep golden yellow with light eye.

Ball Orange. Extra deep, intense orange. Light-eyed.

Ball Apricot. Our own strain of this dark-eyed, buff variety.

Campfire. Popular deep orange.

Prices above 7, each: tr. pkt., 40c; 1/4 oz., 60c; 1 oz., \$2.00; 4 oz., \$6.50.

Ball Formula Mixture. Carefully made up of our named varieties with fully half orange.

Ball Art Shades Mixture. Contains many original and unusual shades and interesting bi-colors.

Prices above 2, each: tr. pkt., 35c; 1/4 oz., 50c; 1 oz., \$1.50; 4 oz., \$5.00.

Annual Larkspur

(8,000 seeds per oz.)



Example of Supreme and Regal Larkspur.

Larkspur is a very popular cut flower crop for both under glass and in the open. If a sowing is made outdoors by growers in the near south 6 or 7 weeks before the ground freezes, plants well enough established to winter over in all except the most severe seasons can be produced. In our locality sowing should be done late enough to avoid germination before the ground freezes. With good drainage and some coarse covering such a sowing will germinate promptly in early spring and get into flower 2 or 3 weeks before the spring sown crop.

For indoor growing, Larkspur is a nice crop to follow either late or early Mums. Well started 3 inch pot plants should be ready, and are produced by a September sowing in pots set in a cold frame. We prefer raised beds for Larkspur, but if ground beds are well drained and care is used in watering, very good results can be had with them.

New crop seed will be ready late August and early September, in time for most growers' needs.

GIANT IMPERIALS (BASE BRANCHING)

Our 6 Best

- ***Blue Bell.** Med. light, lavender blue.
- ***Blue Spire.** Deep violet blue.
- ***Brilliant Rose.** Intense, salmon rose.
- ***Sweet Lavender.** Medium dark shade.
- ***Rosalind.** Shatter-proof, salmon pink.
- ***White King.** Popular pure white.
- ***6 Best Mixture.** A formula mixture of these 6 varieties.

Other Imperials

- Coral King.** Pleasing, soft coral rose.
- Dazzler.** Rich carmine-scarlet.
- ***Exquisite Pink Imp.** Fine soft pink.
- Gloria Imp.** Bright, deep rose.
- ***Lilac King.** Rich, deep bluish-lavender.
- ***Lilac Queen.** Deep orchid; lighter and rosier than Lilac King.
- Los Angeles Imp.** Bright salmon rose.
- Miss California.** Pleasing, salmon pink.
- ***White Cockade.** Fine, pure white.
- White Spire.** Clear white.
- Formula Mixture** of above varieties.

Prices above 18, each: Tr. pkt., 25c;
1/2 oz., 65c; 1 oz., \$1.10; 4 oz.,
\$3.60; 1 lb., \$11.00.

HYACINTH FLOWERED

Produces one long non-branching spike.

Dark Blue	Lavender	Pink
Purple	White	Mixed

Prices above 6, each: Tr. pkt., 35c;
1/2 oz., 90c; 1 oz., \$1.60; 4 oz.,
\$5.20; 1 lb., \$16.00.

NEW! IMPROVED LARKSPUR

The vigorous growing upright plants of these new base branching types carry a huge main flower spike (see photo) which is formed by a great many large, fully double, broad petaled Delphinium-like florets closely spaced on the stem. The colors are not just variations of existing varieties, but are completely new tones. The originators describe them as the finest florists' Larkspur on the market today.

NEW SUPREME

- ***Dark Blue Supreme.** Violet purple.
 - ***Lilac Supreme.** Clear lilac.
 - ***Rose Supreme.** Clear deep rose.
 - ***Salmon Supreme.** True salmon.
 - ***White Supreme.** Finest pure white.
 - ***Supreme Mixture** of all colors.
- Prices above 6, each: Tr. pkt., 35c;
1/2 oz., \$1.00; 1 oz., \$1.80; 4 oz.,
\$6.00; 1 lb., \$18.00.

NEW REGAL

- ***Regal Rose.** Rich florists' rose. Tr. pkt., 50c; 1/2 oz., \$1.50; 1 oz., \$2.70; 4 oz., \$9.00; 1 lb., \$27.00.

SUPER MAJESTICS

Extra vigorous growth with long stems and long spikes of fully double flowers are the important points about this strain. Where older varieties have been rather short-stemmed, the additional length of this class is a distinct advantage.

- ***Deep Salmon Pink.** Very showy.
- ***Rose Pink.** Rich, creamy rose pink.
- ***Lavender.** Medium, rosy lavender.
- ***White.** Large flowered, pure white.
- ***Mixture** of above colors.

Prices above 5, each: Tr. pkt., 35c;
1/2 oz., 85c; 1 oz., \$1.50; 4 oz.,
\$5.00; 1 lb., \$15.00.

STOCK FLOWERED

- Dark Blue.** Rather deep violet-blue.
- Lilac.** A clear deep lilac.

Mauve Beauty. Med. lavender mauve.

***Rosamond.** Excellent, deep rose.

Los Angeles. Bright salmon-rose.

White. Prefer White King.

Formula Mixture of above varieties.

Prices above 7, each: Tr. pkt., 25c;
1/2 oz., 55c; 1 oz., 95c; 4 oz., \$3.20;
1 lb., \$9.60.

Ball Begonias

FIBROUS ROOTED

Fibrous Rooted or "Semperflorens" Begonias are one of the grower's most versatile and profitable pot plants. Their ability to "take it" in the average home makes them always in demand as house plants—and their usefulness in combination boxes is well known. In addition they are well suited for bedding in semi-shaded localities.

While they may be sown at any time, a summer sowing will produce choice pot plants for Christmas and mid-winter sales. Important points in sowing are to use no soil covering on this fine seed, and keep uniformly moist and shaded.

All Begonia seed we sell is triple cleaned to insure more good seed and less dust in every packet.

DWARF CLASS

Adeline. Extra free flowering bright pink; dwarf and compact. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Ball Deep Rose.** Under winter and spring conditions the color is a deep rosy red which gradually fades to a luminous pink with the coming of warmer weather. Tr. pkt., \$1.25; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

***Ball Red.** Medium large flowers of bright true scarlet are freely produced on fairly dwarf, uniform plants. This is more inclined to rot than most varieties if watered carelessly. Tr. pkt., \$1.25; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

Ball White. Rather small flowers but very freely produced. Tr. pkt., \$1.25; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Luminosa Compacta.** Dwarf, free flowering scarlet red. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$3.00; $\frac{1}{32}$ oz., \$5.50.

***Pink Pearl.** HETEROsis STRAIN. Resembles Adeline in flower size, rich pink color and uniformly dwarf, compact growth. This is the genuine imported Hybrid seed. Originator's tr. pkts. only, \$1.50.

***Red Pearl.** HETEROsis STRAIN. Identical to Pink Pearl except for its Luminosa red color. Originator's imported Hybrid seed. Tr. pkts. only, \$1.50.

***Snowbank** (New). Large, glistening white flowers are carried on dense growing, even plants. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

Dwarf Varieties Mixed. Our own formula mixture of dwarf varieties. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

EXTRA DWARF CLASS

Ideal for small pots, combinations, or out-door bedding borders where summers are moderate.

***Ball Dwarf Carmen.** Extra compact habit with rich bronze leaves and light pink flowers. Tr. pkt., \$1.25; $\frac{1}{64}$ oz., \$3.50.

***Saga** (New). Extra dwarf and dense growth. Small, bright Luminosa red flowers are very freely produced. Tr. pkt., \$1.25; $\frac{1}{64}$ oz., \$4.00; $\frac{1}{32}$ oz., \$7.50.

INTERMEDIATE CLASS

***Carmen.** The original bronze-leaved Begonia; bright rose-pink flowers. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00.

Fire Sea (Blaze of Fire). Large fiery red with green foliage. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00.

***Indian Maid.** Foliage a deep lustrous bronze with scarlet flowers. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

King of the Reds. Free flowering rose red; vigorous growth. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.



Fibrous-Rooted Begonias, by the nature of their growth, divide themselves readily into the three types pictured here; dwarf, intermediate and tall.

***Luminosa.** Very attractive and popular scarlet red. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$3.00; $\frac{1}{32}$ oz., \$5.50.

Prima Donna. Medium rose pink. Prefer Scandinavia Pink. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50.

***Scandinavia Pink.** Very free flowering bright rose pink. Fine bushy pot plant habit. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

***Scandinavia Red.** Identical to the above except for its bright carmine scarlet flowers. Seed ready in July. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

Scandinavia White. A white Scandinavia selection. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

White Pearl. Medium sized white flowers with green leaves, tinged pink; reddish stems. Tr. pkts. only, \$1.00.

Intermediate Varieties Mixed. Our own mixture made up of the above separate colors; carefully blended. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50.

TALL CLASS

Christmas Cheer. Large flowered, deep crimson rose. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25.

Masterpiece. Extra large flowered, clear pink. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00.

***Pink Radio.** Extra large flowered, rich rose. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00.

***Silver Wings.** Extra large pure white flowers with bright green foliage. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25.

Tall Varieties Mixed. A formula mixture of the above strong growing sorts. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.50; $\frac{1}{32}$ oz., \$2.50.

MISCELLANEOUS BEGONIAS

Doty's Calla Queen (New). A novelty Begonia with attractively variegated green and white foliage which contrasts vividly with its red and pink flowers. Needs pinching for shapely plants and good variegation in leaves. Originator's tr. pkt., \$3.00; $\frac{1}{2}$ tr. pkt., \$1.75.

***Tuberous Rooted Double Mixed.** Gorgeous colors with 80 to 90% good doubles. Tr. pkt., \$2.50.

Tuberous Rooted Single Mixed. Attractive mixture; large flowered. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Lloydii Mixed.** Double flowers, about 2 in. in shades of scarlet, rose, salmon and white. Tr. pkt., \$3.00.

Rex Hybrids. Mixture of ornamental leaved Rex Begonias; many unusual variations. Seed is quite small and requires extra care in germinating. Tr. pkts. only, \$1.00.

Cinerarias



Geo. J. Ball examining a fine lot of Siter's Rainbow Cineraria growing for seed in our West Chicago greenhouse. Well-grown Cinerarias nearly always find a ready market, and are especially valuable for retail growers.

The outstanding value of Cinerarias lies in their appealing colors, ease of growth and their lasting ability—and they can be had from January to Mother's Day. There isn't much demand tho, for the big show specimens that call for extra space and attention. The business and profit is in the 5 and 6 in. pot sizes. 4 in. plants for those popular spring combinations are valuable too, and easily produced from an early October sowing. For mid-winter and Easter plants, most seed is sown during July and August.

To avoid damping off, transplant the seedlings soon as they can be handled. We prefer to plant into flats, about 3 inches

apart in light soil with little or no fertilizer at this stage. When they begin to crowd, pot direct into their final size pot. While this method calls for a little care in preventing overwatering until they make new roots, we find it produces better results, with less labor, than handling them in small pots which dry out rapidly during warm sunny weather.

When they become pot-bound at flowering time, the main point to watch is the watering. They dry out fast—especially on bright days. Another important point is to avoid overcrowding; give air a chance to circulate between them. And keep them fumigated regularly for aphids.

***Siter's Rainbow Strain.** 3,500 seeds per $\frac{1}{32}$ oz., An excellent market strain with immense heads of medium large, mostly white eyed flowers. Tr. pkt., \$2.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50; $\frac{1}{16}$ oz., \$8.00.

***Multiflora Nana, Gold Center.** 6,300 seeds per $\frac{1}{32}$ oz. Attractive medium small self-colored flowers with yellow anthers. Good shipper. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.50.

***Cremer's Prize Strain** (Reselected stock). 6,300 seeds per $\frac{1}{32}$ oz. Extra large heads of medium small flowers in brilliant reds, blues and intermediate shades. About half light-eyed. Tr. pkt., \$1.50; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.00; $\frac{1}{16}$ oz., \$7.50.

Ball Copper-Scarlet. Compact small-leaved plants with medium sized, bright copper tinged, scarlet flowers. Uniform and attractive.* Tr. pkt., \$1.50; $\frac{1}{64}$ oz., \$2.25.

***Berlin Market Mixed** (White Eyed or Weissensee Strain). 3,500 seeds per $\frac{1}{32}$ oz. Large rounded heads of medium large flowers. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25.

Berlin Market, Dark Crimson. A deep crimson selection without any eye. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75.

***Grandiflora Dwarf Mixed.** 3,500 seeds per $\frac{1}{32}$ oz. Large flowers in a wide assortment of rich colors with contrasting large white eyes. Extra dwarf and compact growth. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25.

Pacific Giants Mixed. Produces extra large heads of flowers mostly in shades of blue and lavender. A stronger grower for 6-7 in. pots or bedding. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$1.75; $\frac{1}{32}$ oz., \$3.25.

Stellata Mixture (Star type). Small, free flowering strain. 24 to 30 in. tall. Tr. pkt., 75c; $\frac{1}{64}$ oz., \$1.25; $\frac{1}{32}$ oz., \$2.25.

***No. 1 Mixture.** Consists of Cremer's Prize strain and Siter's Rainbow Strain in equal proportions. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.75.

***No. 2 Mixture.** Contains $\frac{1}{2}$ Cremer's Prize Strain and $\frac{1}{4}$ each Siter's Rainbow Strain and Multiflora Nana, Gold Center Strain. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.00; $\frac{1}{32}$ oz., \$3.75.

Calceolarias

(20,000 seeds per $\frac{1}{32}$ oz.)



Top 3 are florets of the new Duplex Hybrid Calceolaria showing the large double pouches compared with the usual type (lower 3) having one pouch much smaller than the other.

***Duplex Hybrids Mixed.** The first really new variety in this popular pot plant in years. The upper pouch of each flower is almost as large as the lower giving an attractive duplexed effect. Plants are bushy and fairly dwarf with medium sized flowers in red, yellow, rose and bronze shades. Some are spotted; some bicolored. $\frac{1}{2}$ tr. pkt., \$1.25; tr. pkt., \$2.00; 1/128 oz., \$4.00.

***Ball Multiflora Nana Mixture.** Our most popular variety. Large heads of medium sized flowers in brilliant reds, yellows, and intermediate shades. The compact plants are wiry in growth with fairly small durable leaves. Tr. pkt., \$1.00; 1/128 oz., \$3.25; $\frac{1}{64}$ oz., \$4.35; $\frac{1}{32}$ oz., \$8.00.

***Grandiflora Dwarf Mixed.** Contains some of the most striking and unusual color combinations that we have ever seen in Calceolarias. Extra large flowers and compact growth. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

Grandiflora Mixed. A taller growing strain of the above. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Dwarf Tigered or Spotted.** Various spotted shades of red, yellow, and rosy bronze. Dwarf and compact; needs no staking. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

***Triumph Strain.** Medium large flowers are carried on strong vigorous plants; mostly bright reds and yellows. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

Red Triumph. A separate color selection of the above; 90% true scarlet red. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

Cloth of Gold. Medium large, freely produced golden yellow flowers. Very showy. Tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.50; $\frac{1}{32}$ oz., \$4.50.

Indian Prince. A bright scarlet Multiflora Nana selection. Tr. pkt., \$1.00; 1/128 oz., \$2.35.

Flower Cloud. Bushy growing plants with large cloud-like heads of small flowers in shades of yellow, orange and bronze. Somewhat later than other varieties. Tr. pkt., \$1.50; 1/128 oz., \$3.50.

Perennial Hybrids (Rugosa). A very small-flowered type for exhibition work and bedding. Tr. pkt., \$1.00.

Cyclamen

BAARDSE'S CYCLAMEN

	100 Seeds	1000 Seeds
No. 1B Dark Blood-Red	\$1.75	\$16.00
No. 2B Bright Red	1.75	16.00
No. 3B Pure Rose (Rose of Aalsmeer)	1.75	16.00
No. 4B Soft Rose with carmine eye. (Improved Rose of Marienthal)	1.75	16.00
No. 5B White with carmine eye.....	1.75	16.00
No. 6B Pure White	1.75	16.00
No. 7B Bonfire. Brilliant salmon	2.25	20.00
No. 8B Salmon-Scarlet (America Imp.)	2.30	21.00
No. 10B Glory of Wandsbek (Perle of Zehlendorf). Dark salmon	2.20	18.00
No. 11B Rose of Zehlendorf. Light salmon....	2.20	18.00
No. 15B Dirk Baardse. Soft wine red.....	4.00	36.00
No. 16B Saffron Red-Silver Edged	2.25	20.00
No. 19B Lavender	1.75	16.00
No. 22B BAARDSE WONDER. Salmon with white border.....	2.25	20.00
No. 24B Roseum Oculatum Light pink, salmon eye	2.20	18.00
No. 25B Sylphide. Light mauve.....	2.20	18.00
No. 26B Victoria. Fringed white, tipped red....	2.25	20.00
No. 30B Mixture of above colors.....	1.65	15.00
No. 50B Ruffled Lavender	2.30	21.00
No. 51B Ruffled Salmon	2.30	21.00
No. 52B Ruffled White	2.30	21.00
No. 53B Ruffled Dark Red	2.30	21.00
No. 60B Ruffled Mixture	2.30	21.00

BURGHARD'S CYCLAMEN

	100 Seeds	1000 Seeds
No. 1 Dark Blood-Red	\$1.75	\$16.00
No. 2 Bright Red	1.75	16.00
No. 3 Pure Rose	1.75	16.00
No. 4 Soft Rose with carmine eye. (Improved Rose of Marienthal)	1.75	16.00
No. 5 White with carmine eye.....	1.75	16.00
No. 6 Pure White	1.75	16.00
No. 7 Bonfire. Brilliant salmon	2.25	20.00
No. 8 Salmon-Scarlet (America Imp.)	2.30	21.00
No. 9 New Salmon-Rose Imp.....	2.25	20.00
No. 10 Glory of Wandsbek (Perle of Zehlendorf). Dark salmon	2.20	18.00
No. 11 Rose of Zehlendorf. Light salmon....	2.20	18.00
No. 12 Orange Beauty. Orange-vermillion.....	2.30	21.00
No. 14 Morning Red	2.20	18.00
No. 16 Saffron Red-Silver Edged	2.25	20.00
No. 17 Striped Varieties Mixed	2.20	18.00
No. 18 Mozart. Deep pink	2.30	21.00
No. 19 Lavender	1.75	16.00
No. 21 Pink Pearl. Salmon-pink	2.30	21.00
No. 22 Baardse Wonder. Salmon with white border.....	2.25	20.00
No. 30 Mixture of above colors.....	1.65	15.00
No. 50 Ruffled Lavender	2.30	21.00
No. 51 Ruffled Salmon	2.30	21.00
No. 52 Ruffled White	2.30	21.00
No. 53 Ruffled Dark Red	2.30	21.00
No. 60 Ruffled Mixture	2.30	21.00

VOGT'S DOUBLE-FLOWERED CYCLAMEN

Admiration. Salmon rose with shaded eye. **Mixture**
Prices above 2, each: 100 seeds, \$3.50; 250 seeds, \$7.00;
500 seeds, \$13.00; 1000 seeds, \$25.00.

All Cyclamen prices are net, no cash discounts, 250 of a variety at 1000 rate (except Vogt's). 10,000 to 25,000 seeds, any assortment of varieties, less 5%; over 25,000 seeds, less 10%.

Primulas

PRIMULA MALACOIDES

(12,000 seeds per $\frac{1}{32}$ oz.)

This popular pot plant Primula may be sown from June on for Valentine's Day and later. Sowings made in August and early September make nice 3 inch plants for spring combinations. Sowings after October 1st are not advisable because of the varying percentage of blind plants that may result. Malacoides Primulas are susceptible to a form of crown rot that is best controlled by keeping plants uniformly moist and in a temperature of not over 50°; 45° is even better. Sow seed only in sterile unfertilized material since **soils with a nitrate level of over 20 ppm. may result in poor germination.**

We supply hand pollinated seed of our own growing only, except for the Doubles, which we offer in the originator's own packets.

***No. 32 Glory of Riverside Imp.** One of the finest and most popular varieties with freely produced beautiful salmon-rose flowers.

No. 33 New Giant. Similar to the above variety but later blooming and with somewhat larger flowers.

No. 35 New Baby Imp. Large flowered, glowing deep pink shading to wine red. Color varies some.

***No. 41 White Giant.** The best pure white according to our trials. Large flowers and heavy stems.

***No. 43 Brillancy Imp.** Flowers open lavender—turning to dark red as they age giving an attractive bicolor effect. Improves the original strain in stronger growth and much larger flowers.

***No. 51 Mrs. Eriksson of Riverside.** Large flowers of deep rose-red on compact plants of medium height. The brightest color in Baby Primroses.

***No. 62 Ball Lavender.** A distinct improvement over the old Rosea Superba in its more uniformly bushy growth and brighter orchid-lavender color.

No. 63 Ball Deep Rose. Intermediate in color between Glory of Riverside and Mrs. Eriksson.

No. 50 Mixture. Carefully blended by formula from named separate color varieties.

Prices above 9, each: tr. pkt., \$1.00; $\frac{1}{64}$ oz., \$2.75; $\frac{1}{32}$ oz., \$5.00.

DOUBLE MALACOIDES

Fairy Jewels. Attractive $\frac{3}{4}$ in. semi-double flowers of bright, clear rose pink. Plants are fairly vigorous, and the dainty flowers are freely produced.

First Lady. Large 1 in. white flowers vary from semi-double to almost fully double. Graceful in appearance, and quite free flowering.

Double Mixture of many choice colors including Fairy Jewels and First Lady.

Prices above 3, each: Originator's tr. pkt. (1000 seeds), \$1.50.



A well grown 4 in. pot of Primula Malacoides, White Giant.

PRIMULA OBCONICA

(4,000 seeds per $\frac{1}{32}$ oz.)

This brightly colored class excels all other Primulas in large flower size. Sow during June and July for late winter and early spring pot plants.

***Fosbender's Red.** An outstanding fine extra large flowered deep crimson red.

Mohnstein's Atrosanguinea. Popular deep red.

***Mueller's Berlin Rose** (Mueller's Rosea). Soft medium rose. Heavy compact plants and large flowers.

Lachsrosa. Salmon rose shades.

***Coerulea.** Clear mid-blue. A choice strain.

White. Rather tall growth.

***Formula Mixture.** Carefully blended from above colors.

Prices above 7, each: tr. pkt., \$1.25; $\frac{1}{64}$ oz., \$2.25; $\frac{1}{32}$ oz., \$4.25.

Wyaston Wonder. A special selection of this famous English variety. Vigorous growing, large flowered bright crimson. Tr. pkt., \$1.25; $\frac{1}{64}$ oz., \$3.00; $\frac{1}{32}$ oz., \$5.50.

PRIMULA CHINENSIS

(Chinese Primula)

A popular class with many retail growers, but wholesale growers find they shatter some when much handling or shipping is necessary. Sow early June for 4's for Valentine's Day.

Dazzler. Standard orange. Tr. pkt., \$1.50; $\frac{1}{32}$ oz., \$5.60.

***Kardinal.** Vivid, intense orange. Improves Dazzler in depth and brilliance. Tr. pkts. only, \$1.50.

Special Mixture. A choice assortment of colors. Tr. pkt., \$1.00; $\frac{1}{32}$ oz., \$3.60.

For Summer and Fall Sowing

SPRING FLOWERING ASTERS

Sept. and later sowings of early Asters will flower from Easter on, if 50 watt bulbs are spaced about 18 in. above the plants at 4 ft. intervals, and lighted to provide 5 hours additional day length. Lights must be used from the small seedling stage until flowering, spacing the plants about 10 x 10 in.

Growers are finding this crop an excellent one to follow Mums, especially where lights were already in place for late Mums. Many have reported very satisfactory returns on their early Aster crop handled this way.

We like the Royals best for this purpose although the slightly earlier Queens may be desirable in other localities.

ROYALS

- Azure Blue
- Shell Pink
- Ball White Early
- Ball Deep Rose
- Ball Deep Purple

QUEENS

- Azure Blue
- White
- Ballet Queen
- Deep Rose
- Flesh Pink

Prices above 10, each: tr. pkt., 30c; 1/4 oz., 60c; 1 oz., \$1.85;
4 oz., \$6.50.

WINTER MARIGOLDS

This class is of value for winter cutting from a fall sowing and will not flower during summer.

Australian Tree. Golden yellow crest with mahogany guard petals. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.20.

Lieb's Brown and Gold. Similar to above.

Lieb's Winter Sunshine. Solid golden yellow.

Prices above 2, each: tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.00.

Winter Harmony. Bright orange crest with reddish guard petals. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.20.



Picturing a well grown 4 in. pot of Ball Dwarf Schizanthus. Sow from August on for easily produced colorful spring plants.



STREPTOCARPUS

Giant Flowered Mixture (Cape Primrose). Makes an exotic pot plant as well as a fine long stemmed cut flower, lasting 8 to 10 days in water. Our strain is produced by an outstanding European specialist and contains an abundance of rich colors. Sow in early fall for spring blooming. Tr. pkt., \$1.00; 1/4 oz., \$2.75.

FUCHSIA

HYBRIDA. Special Mixture. A very desirable mixture of single and double types saved from one of the finest collections in the country. Seed sown in late summer should produce nice flowering pot plants the following spring and early summer. Choice specimens may be cutting propagated. 250 seeds, \$3.00; 500 seeds, \$5.00; 1000 seeds, \$9.00.

SCHIZANTHUS

***Ball Giant Flowered.** Extra large flowers (often 2 inches in diameter) and unusually brilliant colors are the outstanding points about this strain. Nice for cutting or makes a choice pot plant if pinched. Tr. pkt., 75c; 1/8 oz., \$2.00; 1/4 oz., \$3.60.

***Ball Dwarf Mixture.** A distinctly dwarf growing strain with large compact heads of medium sized flowers. Makes an excellent pot plant. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.50.

Ball Brilliant Blend. A carefully blended mixture of fairly tall growing varieties recommended for the grower who grows a limited number of plants and wants a complete mixture. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.25.

Dr. Badger's Improved Hybrids. A brightly colored large-flowered strain of medium height. Suitable either for pots or cutting. Tr. pkt., 35c; 1/4 oz., \$1.15.

***Giant Blotched.** Bright colored rose and pink shades, with contrasting dark centers. Somewhat earlier than most strains and a good pot plant if well pinched. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

Monarch Strain. An attractive mixture of bright golden rose colors. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

Pansy-Flowered Mixture. Flowers flat and full petaled, resembling small Pansy flowers. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.80.

SAINTPAULIA

Ionantha (African Violet). Deep blue. Extra fine seed that requires care in germinating. Uniform moisture, a 60° temperature and protection from bright sun are necessary in growing good Saintpaulias. Tr. pkt., \$1.50.

EXACUM

Affine. An easily grown, neat and attractive pot plant with rich fragrant violet blue flowers. Tr. pkt., \$1.00; 1/128 oz., \$3.00; 1/4 oz., \$5.50.

Popular Hardy Perennials

A sowing of hardy perennials made this summer will flower freely next year with a minimum of care. See our January catalog for a more complete description of the following:



Achillea Filipendula, Parker's Variety is an easily grown and useful hardy perennial. Makes long stemmed cut flowers.

ACHILLEA — ***Filipendula, Parker's Variety** (*Eupatorium*). Golden yellow. Tr. pkt., 25c; 1/8 oz., 65c; 1/4 oz., \$1.20. ***The Pearl** (*Ptarmica*). The standard double white for cutting. Tr. pkt., 25c; 1/8 oz., 65c; 1/4 oz., \$1.20.

ACONITUM (Monk's Hood) — **Napellus**. Dark blue; does best in partial shade. Tr. pkt., 25c; 1/4 oz., 75c.

ALYSSUM — ***Saxatile Compactum**. Flowers early May. Rich golden yellow. Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., \$1.00. **Saxatile Silver Queen** (*Sulphureum*). Light lemon yellow. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

ANCHUSA — ***Barrieri**. Forget-me-not blue rock garden plant. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.

Dropmore Strain (*Italica*). Nice blue for cutting. Tr. pkt., 15c; 1/4 oz., 20c; 1 oz., 60c.

Myosotidiflora. May flowering Forget-me-not blue. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; 1 oz., \$8.00.

ANEMONE — **St. Brigid Mixed**. Choice long stemmed mixture of brilliant colors. Tr. pkt., 50c; 1/4 oz., \$1.00; 1 oz., \$3.00.

ANTHEMIS — **Kelwayi** (Hardy Marguerite). Yellow Daisy flowers produced thruout summer. Tr. pkt., 15c; 1 oz., 65c.

AQUILEGIA — (*Columbine*). **Alpina**. Blue. Tr. pkt., 25c; 1/4 oz., 85c; 1 oz., \$3.00.

Coerulea (Rocky Mountain Columbine). Sky-blue with white corolla. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

Copper Queen. Copper red shades with yellow corolla. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75; 1 oz., \$8.25.

***Crimson Star Hybrids**. Dark red with white corolla; varies some. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75.

***Longissima**. Delicate, pale yellow with extra long (4 in.) spurs. Tr. pkt., 50c; 1/8 oz., \$2.50; 1/8 oz., \$4.50.

***Longissima Hybrids**. A variety of attractive shades in this extra long spurred class. Tr. pkt., 50c; 1/8 oz., \$2.00.

AQUILEGIA, continued

***Mrs. Nicholls**. Deep blue. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25; 1 oz., \$8.00.

***Mrs. Scott Elliott's Hybrids**. An excellent and popular long-spurred mixture. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50. **Rose Queen**. Rose with white corolla. Tr. pkt., 35c; 1/4 oz., 70c; 1 oz., \$2.10.

***Snow Queen**. Extra large pure white flowers. Tr. pkt., 25c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Mixture. Tr. pkt., 25c; 1/4 oz., 85c; 1 oz., \$3.00.

ARABIS (Rock Cress) — ***Alpina Snowcap**. Shining snow-white. Tr. pkt., 35c; 1/4 oz., 75c; 1 oz., \$2.50.

Alpina. White. Tr. pkt., 25c; 1/4 oz., 55c; 1 oz., \$1.80.

Spring Charm (*Blepharophylla*). Carmine. Tr. pkts. only, 35c.

ARMERIA — **Formosa, Large Flowered Hybrids**. Tr. pkt., 35c; 1/8 oz., 70c; 1/4 oz., \$1.30; 1 oz., \$3.90.

***Glory of Holland**. Ball-shaped deep pink flowers about 1 1/2 inches in diameter. Tr. pkt., 50c; 1/8 oz., \$2.00.

Maritima (*Statice Armeria*). Lilac rose. Grass-like, evergreen foliage. Tr. pkt., 50c; 1/8 oz., \$1.50.

ASCLEPIAS — **Tuberosa**. Fine orange for cutting. Tr. pkt., 25c; 1/4 oz., 85c; 1 oz., \$2.75.

ASTER — **Hardy Large Flowered Mixture**. Attractive assortment. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00.

Alpinus, Finest Mixed. Tr. pkt., 50c; 1/8 oz., \$1.00.

AUBRIETIA — **Large Flowered Hybrids** (Monarch strain). Wide and bright color mixture. Tr. pkt., 50c; 1/8 oz., \$1.00.

Hendersoni. Deep purple. Tr. pkt., 50c; 1/8 oz., \$1.00.

Leichtlini. Carmine rose. Tr. pkt., 50c; 1/8 oz., \$1.00.

BAPTISIA — **Australis** (False Indigo). Sprays of pea-shaped indigo-blue flowers. Tr. pkt., 25c; 1 oz., 75c.

BELLIS — **PERENNIS**. Popular Double English Daisy.

Red **Rose** **White**
Above 3, each: Tr. pkt., 50c; 1/8 oz., \$2.00; 1/4 oz., \$3.50.

Mixture. Tr. pkt., 50c; 1/8 oz., \$1.80; 1/4 oz., \$3.20.

BOCCONIA — **Japonica** (Plume Poppy). Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50.

BOLTONIA — **Latisquama**. Delicate pink. Tr. pkt., 25c; 1/4 oz., \$1.00; 1 oz., \$3.00.

BROOM — **Hybrids Mixed**. Vigorous shrubs; bright color range. Tr. pkt., 40c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

CAMPANULA — **CARPATICA**. Dwarf perennial.

Blue. Tr. pkt., 25c; 1/8 oz., 75c; 1/4 oz., \$1.35.

***Hybrid Mixture**. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.70.

MEDIUM CALYCANTHEMA (Cup-and-saucer Type).

Dark Blue **Light Blue** **Rose** **White** **Mixture**
Above 5, each: Tr. pkt., 20c; 1/4 oz., 50c; 1 oz., \$1.60.

MEDIUM SINGLE (Canterbury Bells).

Dark Blue **Light Blue** **Pink** **White** **Mixture**
Above 5, each: Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

PERSICIFOLIA. **White** **Blue** (Princess Royal) **Mixture**

Above 3, each: Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

Telham Beauty. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

PYRAMIDALIS (Chimney Campanula). **Mixture**. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

CARNATION — **GRENADIN** (Hardy Carnation).

King of the Blacks. Darkest red.

Golden Sun ***Pink** ***Red** **White** ***Mixture**
Above 6, each: Tr. pkt., 50c; 1/4 oz., \$2.50; 1 oz., \$8.00.

CATANANCHE—Coerulea. Everlasting light lavender-blue flowers. Tr. pkt., 25c; 1/4 oz., 45c; 1 oz., \$1.50.

CENTAUREA—Montana. Large Cornflower-blue flowers. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.20.

CERASTIUM—*Tomentosum. White edging and rockery plant. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

CHEIRANTHUS (Wallflower)—***Golden Bedder.** Large deep golden yellow. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.
Allioni. Free flowering orange. Tr. pkt., 10c; 1 oz., 35c.

CHRYSANTHEMUM—*Glory Mixture. Our finest mixture of hardy Mums. Tr. pkt., 75c; 1/8 oz., \$2.20; 1/4 oz., \$4.00.
Korean Hybrids. Single and semi-double types in a good color range. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00.

CLEMATIS—Paniculata. White flowered climber.

Recta, Mandschurica. Upright growing, pure white.
Above 2, each: Tr. pkt., 70c; 1/8 oz., \$1.40; 1/4 oz., \$2.50.

COREOPSIS—*Sunburst (New Gold). A fine semi-double strain. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

Mayfield Giant. Extra large deep golden yellow. Single. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

DAISY (Chrysanthemum Leucanthemum)—***G. Marconi.** The largest flowered and finest double Shasta Daisy. Originator's seed. Tr. pkt., 50c; 6 Tr. pkts., \$2.50. Regular stock. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.75.

Double Fringed (Diener's). A specially reselected strain. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$4.00.

June Marguerite. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.25.

***Mayfield Giant.** Quite large flowered, end of June.

Alaska. The standard Shasta Daisy, July.

Conqueror. Giant late white, late July.

Above 3, each: Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., \$1.00.

DELPHINIUM—See page 5.

DIANTHUS—Allwoodi Alpinus Mixed. Single flowers in shades of pink. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50.

Deltoides Erecta. A dwarf Maiden Pink. Bright red. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50.

***Latifolius Attrococcineus.** Miniature crimson flowers. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50; 1 oz., \$4.50.

Winteri. Large single flowers in a rich mixture of pure colors. Long blooming period. Tr. pkt., 50c; 1/8 oz., \$1.50.

PLUMARIUS (Clove Pink). **Cyclops.** Deep rose with crimson ring. Tr. pkt., 35c; 1/4 oz., \$1.00.

Double Mixture (Scoticus Florist Strain). Unusual colors. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50; 1 oz., \$4.50.

Single Mixture. Tr. pkt., 15c; 1/4 oz., 40c; 1 oz., \$1.35.

BARBATUS (Sweet William). Early June flowering.

***Holborn Glory.** Striking combination of crimson with white.

***Newport Pink** (Pink Beauty). Salmon rose shade.

Purple Beauty. A rich deep color.

Scarlet Beauty. Well named, intense scarlet red.

Giant White. Ours is an extra large flowered strain.

Single Mixture ***Double Mixture**

Above 7, each: Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.40.

***Single Midget Mixed.** Very fine rock plant. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$4.50.

***Double Midget Mixed.** Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.

DICENTRA—Spectabilis (Bleeding Heart). Tr. pkt., \$1.00; 1/8 oz., \$1.75; 1/8 oz., \$3.25.

Eximia (Plumy Bleeding Heart). Tr. pkt., 35c; 1/4 oz., \$1.00.

DICTAMNUS—Fraxinella (Gas Plant). Pink with dark veins. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

DIGITALIS—GLOXINOIDES (Foxglove).

Purple Rose **White** **Giant Shirley Mixture**
Above 4, each: Tr. pkt., 20c; 1/4 oz., 60c; 1 oz., \$2.00.

ECHINOPS—Ritro (Ornamental Thistle). Blue flower heads 1 1/2 to 2" in diameter. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.00.

EUPHORBIA—Corollata (Wild Baby's Breath). Small white flowers. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.25.

Myrsinites. Silvery foliage. Tr. pkt., 35c; 1/8 oz., \$1.00.

Polychroma. Bushy plants with bracts of bright yellow changing to rosy bronze. Tr. pkt., 50c; 1/8 oz., \$1.35.

GAILLARDIA—GRANDIFLORA. ***Dazzler.** The standard fine cutting strain. Golden yellow with maroon center.

***Monarch Strain.** A very superior mixture.

Above 2, each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

***Burgundy.** Red. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

Portola Hybrids Mixed. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

Goblin. Compact plants; red and yellow bicolored flowers.

Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

Aurea Pura. Pure yellow. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.80.

GEUM—Lady Stratheden. Double golden yellow.

Mrs. Bradshaw. Double glowing red.

Above 2, each: Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.75.

GILIA—Coronopifolia (Standing Cypress). Heads of scarlet flowers. Tr. pkt., 30c; 1/8 oz., 60c; 1/4 oz., \$1.00.

GYPSOPHILA—*Pacific. Starry pink flowers in Sept. and Oct. Tr. pkt., 25c; 1/4 oz., 80c; 1 oz., \$2.75.

***Oldhamiana.** Feathery light pink. Oct. flowering; watch frost dates. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

PANICULATA. ***Double Snow Flake.** About 50% are double flowering. Tr. pkt., 35c; 1/4 oz., \$1.35; 1 oz., \$4.50.

Single White. Tr. pkt., 15c; 1 oz., 40c; 4 oz., \$1.35.

REPENS. Rose. Tr. pkt., 25c; 1/4 oz., 80c; 1 oz., \$2.40.



Helleborus Niger may be forced as a Christmas pot plant by potting field clumps in late Nov. Start in the dark in a 50 degree house. When stems are well started place plants in light and keep well watered. See page 18 for further description and prices.



Hardy Lupines make grand summer cut flowers where temperatures are moderate and soil is well drained.

HELIANTHEMUM—*Mutabile* (Rock Rose). Attractive dwarf rock plant. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.35.

HELLEBORUS—*Niger* (Christmas Rose). Attractive 2 1/2 in. white flowers; basal foliage (see illustration page 17). Seed should be frozen before sowing. Tr. pkt., 35c; 1/8 oz., 75c; 1/4 oz., \$1.35.

HESPERIS—*MATRONALIS* (Sweet Rocket). Sweet scented. **Violet** White

Above 2, each: Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., 90c.

HEUCHERA—*SANGUINEA* (Coral Bells). **Splendens**. Crimson. **Hybrida Mixed**

Above 2, each: Tr. pkt., 50c; 1/8 oz., \$1.75; 1/4 oz., \$3.00.

HIBISCUS—Mallow Marvels Mixed. Ours is an extra large flowered strain. Tr. pkt., 20c; 1/4 oz., 40c; 1 oz., \$1.20.

HOLLYHOCK—Imperator Improved. Choice double crested mixture. Tr. pkt., 30c; 1/4 oz., 55c; 1 oz., \$1.80.

Allegheny Mixed. Single and semi-double types. Tr. pkt., 15c; 1/4 oz., 25c; 1 oz., 75c.

Triumph. Double fringed flowers in delicate art shades. Tr. pkt., 30c; 1/4 oz., 50c; 1 oz., \$1.50.

CHATER'S DOUBLE. The standard double Hollyhock.

Chamois, Deep Rose, Lilac Beauty, Newport Pink, Scarlet, Sulphur Yellow, White and Mixture.

Above 8, each: Tr. pkt., 30c; 1/4 oz., 50c; 1 oz., \$1.50.

IBERIS—*Gibraltarica*. Large flowered lilac. Tr. pkt., 20c; 1/4 oz., 45c; 1 oz., \$1.40.

Sempervirens. White flowers in late May. Tr. pkt., 50c; 1/4 oz., \$1.25; 1 oz., \$4.50.

INCARVILLEA—*Grandiflora, Brevipes*. Brilliant dark rose flowers. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.00.

IRIS—*Dichotoma* (Vesper Iris). Mixed colors; fragrant. Tr. pkt., 30c; 1/4 oz., 65c; 1 oz., \$2.00.

LATHYRUS—*LATIFOLIUS* (Hardy or Everlasting Sweet Pea).

Pink Beauty White Pearl Red Mixture
Above 4, each: tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

LAVANDULA—*Munstead Strain. Freely produces large sweet scented flowers. Tr. pkt., 35c; 1/4 oz., \$1.00.

LEONTOPodium—*Alpinum* (Edelweiss). Small, greenish white leaves. Tr. pkt., 50c; 1/8 oz., \$1.00; 1/4 oz., \$1.80.

LIATRIS (Blazing Star)—***Pycnostachya**. Long flower spikes of rosy purple.

Scariosa, Purple. Extra large individual flower heads.

Spicata. Purple. Not as long stemmed as Pycnostachya.

Above 3, each: Tr. pkt., 30c; 1/4 oz., 90c; 1 oz., \$2.70.

***Scariosa, White**. A very fine pure white. Long spikes.

***September Glory**. Tall growing with purple spikes.

Above 2, each: tr. pkt., 50c; 1/4 oz., \$1.80; 1 oz., \$5.40.

LILIES—*White Queen. The finest pure white, seed propagated Lily. 1/2 Tr. pkt., 60c; Tr. pkt., \$1.00; 1/8 oz., \$2.50; 1/4 oz., \$4.50; 1 oz., \$15.00.

Candidum (Madonna Lily). Tall pure white. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00; 1 oz., \$15.00.

Formosanum, Giant Flowered. White. Tr. pkt., 50c; 1/4 oz., \$1.00; 1 oz., \$3.50; 4 oz., \$12.00.

Henryi. Orange. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50.

Regale (Regal Lily). Pink with primrose center. Tr. pkt., 25c; 1/4 oz., 50c; 1 oz., \$1.50; 4 oz., \$5.00.

Tenuifolium (Coral Lily). Medium sized flowers of brilliant coral red. Tr. pkt., 35c; 1/4 oz., 75c.

LINUM—Perenne (Per. Flax). Blue. Tr. pkt., 15c; 1 oz., 50c. **Flavum**. Yellow. Tr. pkt., 25c; 1/4 oz., 75c.

LOBELIA—*Cardinalis* (Cardinal Flower). Bright red. Tr. pkt., 35c; 1/4 oz., \$1.20; 1 oz., \$3.60.

LUNARIA—BIENNIS (Honesty or Money Plant).

White Mixture

Above 2, each: Tr. pkt., 25c; 1/4 oz., 35c; 1 oz., \$1.25.

LUPINUS—POLYPHYLLUS (Hardy Lupine). ***Russell Strain**.

Unusually long flower spikes and attractive colors. Reselected Stock (Originator's packets): 20 seeds, 30c; 65 seeds, 65c; 150 seeds, \$1.25; 350 seeds, \$2.50.

Grown from Originator's Stock: Tr. pkt., 35c; 1/4 oz., 60c; 1 oz., \$2.00; 4 oz., \$6.00.

MISCELLANEOUS POLYPHYLLUS VARIETIES.

Dark Blue. Tr. pkt., 15c; 1/4 oz., 35c; 1 oz., \$1.15.

Rose. Tr. pkt., 35c; 1/4 oz., 60c; 1 oz., \$1.80.

White. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

***Harkness Regal Mixture**. The standard fine hybrid mixture. Tr. pkt., 20c; 1/4 oz., 30c; 1 oz., \$1.00.

LYCHNIS—*Chalcedonica. Scarlet. Tr. pkt., 25c; 1/4 oz., 40c; 1 oz., \$1.25.

MATRICARIA—*CAPENSIS* (Feverfew). ***Ball Double White**. Popular strain of Feverfew. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75; 1 oz., \$5.75.

Double Golden Ball. Tr. pkt., 25c; 1/4 oz., 65c; 1 oz., \$2.25.

MYOSOTIS (Forget-me-not)—***Blue Bird** (*Oblongata*). Standard blue for spring greenhouse flowering. Tr. pkt., 35c; 1/4 oz., 85c; 1 oz., \$3.00.

Palustris Semperflorens. Flowers from early spring until autumn. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.00.

VICTORIA. A dwarf, compact strain. 6 to 8 in.

Dark Blue Rose White Dwarf Mixed

Above 4, each: Tr. pkt., 35c; 1/8 oz., 85c; 1/4 oz., \$1.50.

ALPESTRIS. Blue Eyes. Early flowering bright blue with white eyes. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$4.50.

***Royal Blue** (Indigo Blue). Deep rich blue. Tr. pkt., 30c; 1/4 oz., 85c; 1 oz., \$3.00.

NEPETA—*Mussini* (June-flowering Catnip). Aromatic foliage and flowers. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

OENOTHERA—Youngi (Sundrop). Large yellow blooms. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.80.

PHLOX—Hybrid Mixture (Decussata). Large brilliantly colored types. Tr. pkt., 35c; 1/4 oz., 80c; 1 oz., \$2.40.

PHYSALIS—Franchetii (Chinese Lantern Plant). Giant orange-scarlet pods. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

PHYSOSTEGIA—Virginica. Rosy Lilac. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

PLATYCODON—GRANDIFLORUM (Balloon Flower).

Blue. A clear, deep violet blue. **White**
Above 2, each: Tr. pkt., 35c; 1/8 oz., 85c; 1/4 oz., \$1.50.
New Giant Early. Violet blue. Tr. pkt., 35c; 1/8 oz., 85c.

POPPY—ORIENTALE (Oriental Poppy). **Beauty of Livermere.** Dark oxblood-red. Tr. pkt., 30c; 1/4 oz., \$1.25.

Brilliant. Vivid, fiery red. Tr. pkt., 35c; 1/8 oz., 90c; 1/4 oz., \$1.50.

Princess Victoria Louise. The standard light orange. Tr. pkt., 30c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Salmon Shades. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.
Mixture. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

PRIMULA—VERIS *Collosea. Unusual colors. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00; 1 oz., \$15.00.

***Giant Munstead Strain.** Shades of yellow. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00; 1 oz., \$15.00.

***Polyanthus Mixture.** Tr. pkt., 75c; 1/8 oz., \$2.20; 1/4 oz., \$4.00; 1 oz., \$12.00.

Giant Monarch Strain. A fine large flowered mixture. Tr. pkt., \$1.00; 1/8 oz., \$2.75; 1/4 oz., \$5.00; 1 oz., \$15.00.

Giant Crimson **Giant Yellow** **Giant White**
Above 3, each: Tr. pkt., 75c; 1/16 oz., \$1.75; 1/8 oz., \$3.00.

Vulgaris (True Yellow English Primrose). Tr. pkt., 50c; 1/4 oz., \$1.65; 1 oz., \$6.00.

Japonica. Crimson, rose and pink flowers born in whorls on 6 to 9 in. stems. Tr. pkt., 35c; 1/8 oz., \$1.00.

PYRETHRUM—ROSEUM (Painted Daisy).

Atrosanguineum. A popular dark crimson strain.
Rose. Single pink flowers.

Robinson's Dark Crimson. Giant flowered, dark red.

***Robinson's Hybrids.** Large single mixture.

***Semi-Double Mixture.** An excellent strain.

Single Mixed. An attractive large flowered mixture.

Above 6, each: Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$4.50.

***Extra Double Mixture.** The finest double Pyrethrum. Tr. pkt., 50c; 1/8 oz., \$1.40; 1/4 oz., \$2.50; 1 oz., \$7.50.

Parthenifolium Aureum (Golden Feather). Dwarf; yellow-green foliage. Tr. pkt., 15c; 1/4 oz., 30c; 1 oz., 90c.

RUDBECKIA — Purpurea (Echinacea). Reddish purple. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.00.

SALVIA—Patens. Navy blue. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$4.50.

SAPONARIA—Ocymoides. Hardy rock plant. Tr. pkt., 25c; 1/4 oz., 70c; 1 oz., \$2.10.

SCABIOSA—Caucasica, Goldingensis. Large flowered, fine deep lavender. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Caucasica, Perfecta. Improved large flowered form of this lilac lavender strain. Tr. pkt., 30c; 1/4 oz., 75c; 1 oz., \$2.50.

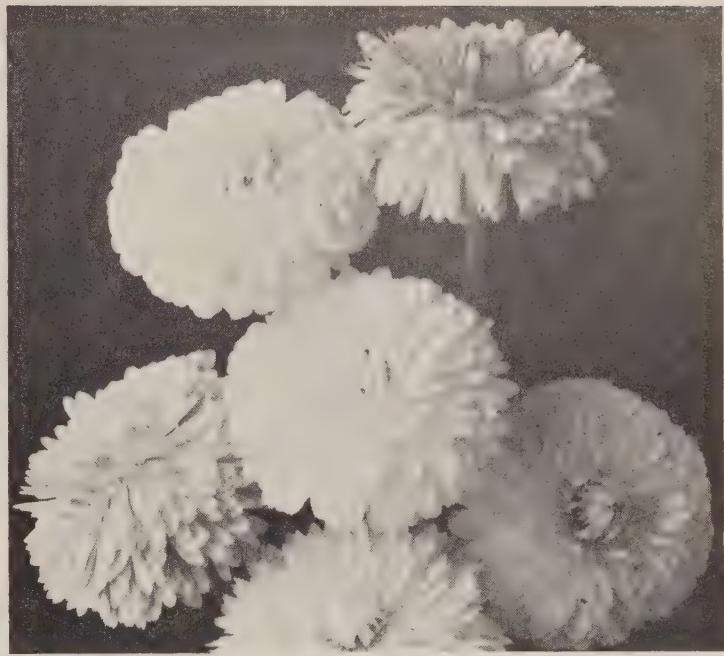
***Caucasica, House Hybrids.** Large flowers ranging from white to deep blue. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

Fischeri. Bright lilac-lavender. Tr. pkt., 35c; 1/4 oz., \$1.00; 1 oz., \$3.50.

STATICE—Caspia. Seedlings flower second season. Lilac. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

***Dumosa.** Dense clumps of silvery gray flowers. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.50.

***Latifolia** (Sea Lavender). Standard blue perennial Statice. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.85.



Bellis Perennis—the popular Double English Daisy. See page 16.

STATICHE, continued

Perezi. Flowers in large lavender heads first year from seed. Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$1.85.

THALICTRUM—Dipterocarpum (Meadow Rue). Rosy purple flowers. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

THERMOPSIS—Caroliniana. Long panicles of yellow pea-shaped flowers. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

TRITOMA—*Pfitzer's Hybrids. Large brilliant red.
Mirabilis Hybrids. Yellow and orange shades.

Above 2, each: Tr. pkt., 25c; 1/4 oz., 60c; 1 oz., \$2.00.

TROLLIUS—Ledebouri, Orange (Globe Flower). Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.00.

Europaeus (Golden Ball). Late yellow. Tr. pkt., 35c; 1/8 oz., \$1.00; 1/4 oz., \$1.75.

VERONICA—Spicata, Dwarf Mixed (Speedwell). Easily grown; brightly colored. Tr. pkt., 35c; 1/4 oz., 65c; 1 oz., \$2.00.

VIOLA—CORNUTA. Apricot. Prefer Chantreyland. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; 1 oz., \$6.00.

Arkwright Ruby. Maroon-scarlet with dark center. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.65; 1 oz., \$8.00.

Black Imp. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

***Blue Elf** (Improved Johnny Jump Up). Three-colored blooms. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

***Blue Perfection.** Large flowered clear medium blue. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; 1 oz., \$6.00.

***Chantreyland.** Extra large flowered true apricot. Tr. pkt., 50c; 1/8 oz., \$1.10; 1/4 oz., \$2.00; 1 oz., \$6.00.

Firmament. Free blooming, clear sky blue. Tr. pkt., 50c; 1/8 oz., \$1.50; 1/4 oz., \$2.65; 1 oz., \$8.00.

***Helen Mount.** A combination of violet, lavender and canary yellow. Tr. pkt., 50c; 1/8 oz., \$1.25; 1/4 oz., \$2.25.

Jersey Gem. Deep orchid. Tr. pkt., 50c; 1/16 oz., \$1.50; 1/8 oz., \$2.70.

***Lutea Splendens.** Clear golden yellow. Tr. pkt., 50c; 1/4 oz., \$1.50; 1 oz., \$5.00.

Papilio. Blue and white combinations. Extra dwarf and free-flowering. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

***White Perfection.** Small pure white. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

***Large-Flowered Mixture.** Complete mixture of all large flowered varieties. Tr. pkt., 35c; 1/4 oz., \$1.25; 1 oz., \$4.00.

YUCCA—Hardy Varieties Mixed. Striking plants of exotic appearance. Tr. pkt., 25c; 1/4 oz., 75c; 1 oz., \$2.25.

Ball's Superior Lily Bulbs

PACIFIC NORTHWEST GROWN BULBS

BALL CROFTS

The best Lily for Easter forcing.
F.O.B. Seattle, Chicago and New York

The Croft Lily has definitely proven itself to be without equal as the pot Lily for Easter—but clean, disease-free bulbs are an **absolute necessity**. Our own stock of Ball Crofts comes only from plantings that have been thoroughly inspected by our own skilled bulb buyers, as well as state supervised throughout the growing season.

You'll want the very finest Lilies for next Easter (April 9). Ball Crofts are the kind you can really depend on. Orders placed now will be given our very best attention, and will be delivered at the proper time to plant for Easter forcing.

Available in the following sizes:

Size 7-8 in.....	250 Bulbs per case
Size 8-9 in.....	200 Bulbs per case
Size 9-10 in.....	150 Bulbs per case
Size 10 in.-up.....	100 Bulbs per case

ESTATES

One of the best Lilies for cutting
F.O.B. Seattle and Chicago

Size 7-8 in.....	250 Bulbs per case
Size 8-9 in.....	200 Bulbs per case
Size 9-10 in.....	150 Bulbs per case

REGALES

High grade Northwest-grown bulbs
F.O.B. Seattle and Chicago

Size 7-8 in.....	250 Bulbs per case
Size 8-9 in.....	200 Bulbs per case
Size 9-10 in.....	150 Bulbs per case
Size 10 in.-up.....	100 Bulbs per case

JAPANESE GROWN LILIES

RUBRUMS

Popular pink Lily for summer cutting
F.O.B. Chicago

Size 7-9 in.....	250 Bulbs per case
Size 8-9 in.....	200 Bulbs per case
Size 9-10 in.....	140 Bulbs per case
Size 9-11 in.....	125 Bulbs per case

AURATUM (Gold Band)

White, spotted crimson; yellow stripes
F.O.B. Chicago

Size 7-9 in.....	250 Bulbs per case
Size 8-9 in.....	200 Bulbs per case
Size 9-11 in.....	125 Bulbs per case
Size 10-11 in.....	120 Bulbs per case



Ball Crofts are noted for their clean, disease-free growth.

All Lilies listed at left are available in case lots only at regular market prices.

CALLA AETHIOPICA (Large White)

F.O.B. Chicago

1 1/4-1 1/2 in.	PRICES LATER
1 1/2-1 3/4 in.	.....
1 3/4-2 in.	.....
2-2 1/2 in.	.....
2 1/2 in.-up	.....

CALLA ELLIOTTIANA (Yellow)

F.O.B. Chicago

1 3/4-2 in.	\$11.00 per 100	\$ 97.50 per 1000
2-2 1/2 in.	17.00 per 100	165.00 per 1000
2 1/2-3 in.	30.00 per 100	275.00 per 1000
3 in.-up	45.00 per 100	425.00 per 1000

CALLA REHMANII SUPERBA (Pink)

F.O.B. Chicago

1 1/4-1 1/2 in.	\$11.00 per 100	\$100.00 per 1000
1 1/2-2 in.	16.00 per 100	150.00 per 1000
2-2 1/2 in.	24.00 per 100	225.00 per 1000
2 1/2 in.-up	32.00 per 100	300.00 per 1000

American West Coast Grown Bulbs

AMERICAN IRIS

Available in sizes marked (X) 6/7 7/8 8/9 9/10

WEDGEWOOD. Blue	X	X
Imperator. Blue	X	X
David Haering. White	X	X
Early Snow. White	X	
White Excelsior	X	X
Huchtenburg. Yellow	X	

F.O.B. Seattle or Chicago. Prices Later.

NARCISSI

TRUMPET DAFFODILS

Available in sizes marked (X)

DN No. 1 DN No. 2

KING ALFRED. Large golden yellow.....	X	X
Rembrandt. Best yellow for pots.....	X	X
E. H. Krelage. White, creamy white trumpet	X	
Poetaz Narcissi		
Cheerfulness. Double white, late.....	X	
Laurens Koster. White, yellow cup.....	X	
Elvira. Pure white, golden yellow cup.....	X	
Incomparabilis Daffodils		
Fortune. Yellow, deep orange crown.....	X	

TULIPS

Wm. Pitt. Early red Darwin. Available 12/up size only.
(Packed 500 per case.)



All West Coast Narcissi and Tulip prices will be set later. F.O.B. Seattle, Chicago and New York.

FREESIAS

GIANT HYBRIDS

- Mammoth White No. 137.** Large pure white; very early.
Mammoth Golden Yellow No. 174. Improved Golden Daffodil; very early.
Elder's Golden Giant. Bright golden yellow; large wide open flowers. Late flowering.
Oriole. Fine deep orange. Earliest of all.

Price per thousand

1/2-5/8" \$22.50 5/8-3/4" \$30.00 3/4-7/8" \$39.00
For less than 1000, add 10% to above prices.

TECOLOTE HYBRIDS

Talisman (Pat. No. 555) Yellow Rose Lavender Blue
Pure White Pink Purple Red Mixture (well blended)

Price per thousand

1/2-5/8" \$22.50 5/8-3/4" \$30.00 3/4-7/8" \$39.00
For less than 1000, add 10% to above prices.

ELDER'S VARIETIES

Elder's Giant White **Blanche Blue** **Rosy Morn** **Flo**
Elder's Double White **Judy** (Double yellow) **Blondies Mixture**

Price per thousand

1/2-5/8" \$20.00 5/8-3/4" \$24.00 3/4-7/8" \$37.50
For less than 1000, add 10% to above prices.

STANDARD COMMERCIAL FREESIAS

Rainbow Mixture of all colors.

Price per thousand

1/2-5/8" \$12.00 5/8-3/4" \$20.00 3/4-7/8" \$30.00
For less than 1000, add 10% to above prices.

ANEMONES

Monarch De Caen. Single Poppy type.

Price per thousand

5/8-3/4" \$30.00 3/4-7/8" \$37.50 7/8"-up \$48.00

Blue Poppy. Bright blue, single.

His Excellency. Bright scarlet, single.

St. Brigid. "Creagh Castle," double.

The Bride. Pure white, single.

Roseas. Fuchsia rose, single.

Price per thousand

5/8-3/4" \$35.00 3/4-7/8" \$45.00 7/8"-up \$52.50
For less than 1000, add 10% to above prices.

RANUNCULUS

Golden Yellow

Pink Shades

Yellow Shades

Orange Shades

Red Shades

White

Price per thousand

5/8-3/4" \$32.50 3/4-7/8" \$40.00 7/8-1" \$52.50 1"-up \$65.00

Mixture of all colors

Price per thousand

5/8-3/4" \$27.00 3/4-7/8" \$35.00 7/8-1" \$45.00 1"-up \$60.00

For less than 1000, add 10% to above prices.

Hyacinths — Tulips — Narcissi

To assure delivery direct from Holland, send your order to reach us before July 15.

All prices are F.O.B. Chicago or New York and are subject to change without notice.

HYACINTHS

All Hyacinths packed as follows:

18/19 and 19/up.....	50 per unit (bag)
16/17 and 17/18.....	100 per unit (bag)
15/16.....	175 per unit (bag)
14/15.....	200 per unit (bag)

Prepared Hyacinths

Available sizes: 19/up 18/19 17/18 14/15

L'Innocence. Pure glistening white.

Bismarck. Light porcelain blue.

Pink Pearl. Bright rosy pink.

Regular Hyacinths

Available sizes: 19/up 18/19 17/18 16/17 15/16 14/15

RED AND PINK

Gertrude. Rosy pink, medium forcer.

Jan Bos. Scarlet, very early forcer.

Lady Derby. Light pink, medium forcer.

La Victoire. Rosy red, medium forcer.

Marconi. Bright pink, rather late forcer.

Pink Pearl. Rosy pink, very early forcer.

Queen of the Pinks. Bright, beautiful pink, for late forcing.

WHITE

Arentine Arendse. Pure white, early.

L'Innocence. Pure white, very early forcer.

BLUE

Bismarck. Light blue, very early forcer.

Dr. Lieber. Medium blue, early forcer.

Grand Maitre. Deep blue, medium forcer.

King of the Blues. Dark blue, late forcer.

Perle Brillante. Clear blue, medium forcer.

YELLOW

City of Haarlem. Golden yellow, medium forcer.



STANDARD
MARKET
PRICES
WILL BE
ESTABLISHED
LATER
ON ALL
ABOVE
HYACINTHS

TULIPS

All Tulips packed as follows:

11/12 and 12/up.....	.250 per unit (bag)
----------------------	---------------------

Early Single Tulips

	Per 1000	
	12/up	11/12
Brilliant Star. 10". Scarlet.....	\$55.00	\$45.00
Couleur de Cardinal. 13". Deep scarlet.....	55.00	45.00
Fred Moore. 11". Apricot orange.....	45.00	35.00
General de Wet. 13". Yellow, flushed orange	45.00	35.00
Ibis. 12". Deep rose.....	45.00	35.00
Keizerskroon. 14". Yellow flower, edged red	55.00	45.00
Pink Beauty. 12". Deep pink and white.....	72.50	62.50
Prince of Austria. 13". Orange scarlet.....	45.00	35.00
Van der Neer. 10". Violet.....	72.50	62.50
Vermilion Brilliant. 10". Vermilion red.....	72.50	62.50
White Hawk. 12". Pure white.....	50.00	40.00
Yellow Prince. 10". Yellow, sweet scented....	50.00	40.00
Choice Mixture.	45.00	35.00

Early Double Tulips

	Per 1000	
	12/up	11/12
Electra. 10". Deep cherry red.....	\$55.00	\$45.00
Marechal Niel. 10". Golden yellow.....	55.00	45.00
Mr. Van der Hoeff. 10". Pure yellow.....	55.00	45.00
Murillo. 10". White, flushed pink.....	55.00	45.00
Orange Nassau. 10". Orange red.....	55.00	45.00
Peach Blossom. 10". Deep pink.....	55.00	45.00
Schoonoord. 10". Pure white.....	65.00	55.00
Triumphator. 10". Deep pink.....	55.00	45.00
Vuurbaak. 10". Scarlet	65.00	55.00
Choice Mixture.	55.00	45.00

Cottage Tulips

	Per 1000	
	12/up	11/12
Advance. 30". Scarlet	\$52.50	\$42.50
* Albino. 20". Pure white.....	67.50	57.50
Belle Jaune (Imp. Inglescombe). 24". Yellow	52.50	42.50
* Carrara. 20". White	55.00	45.00
* Golden Harvest. 26". Lemon yellow.....	42.50	35.00
G. W. Leak. 26". Scarlet, yellow base.....	60.00	50.00
Henry Correvon. 26". Geranium red, white base	52.50	42.50
Marjorie Bowen. 28". Buff and salmon.....	62.50	52.50
* Mother's Day. 24". Lemon yellow.....	42.50	35.00
Mount Erebus. 28". White.....	67.50	57.50
Mrs. John T. Scheepers. 26". Light yellow....	52.50	42.50
Ossi Oswald. 24". Cream, flushed rose.....	55.00	45.00
Rosabella. 24". Pale rose with lighter edge....	65.00	55.00
Yellow Emperor. 24". Golden yellow.....	52.50	42.50

Parrot Tulips

	Per 1000	
	12/up	11/12
Blue Parrot. 24". Dark lavender.....	\$52.50	\$42.50
Fantasy. 22". Deep salmon, blotched green	65.00	55.00
Orange Favorite. 22". Orange, green, yellow	65.00	55.00
Red Champion. 24". Flushed scarlet.....	115.00	105.00
Sunshine. 18". Golden yellow.....	125.00	115.00

Quality Bulbs for Fall Delivery

TULIPS (continued)

Mendel Tulips

	Per 1000	
	12/up	11/12
Fridjof Nansen. 16". Medium forcing.....	\$42.50	\$35.00
Her Grace. 18". Pink and white.....	45.00	40.00
Krelage's Triumph. 14". Red, forcing.....	42.50	35.00
Scarlet Admiral. 16". Crimson, medium early	42.50	35.00
Van der Erden. 16". Glowing red, early.....	42.50	35.00
Weber. 18". White and pink, medium early	42.50	35.00
White Sail. 14". White, early.....	60.00	55.00

Triumph Tulips

	Per 1000	
	12/up	11/12
Alberio. 16". Cherry red, edged yellow.....	\$42.50	\$35.00
Aviator. 16". Carmine red, edged white.....	42.50	35.00
Bandoeng. 16". Mahogany red, edged yellow	42.50	35.00
Crater. 16". Deep carmine red.....	42.50	35.00
Edith Eddy. 18". Carmine red, edged white	42.50	35.00
Elmus. 18". Cherry red, white border.....	52.50	42.50
Hindenburg. 20". Garnet red, edged yellow	42.50	35.00
Korneforus. 20". Light red	42.50	35.00
Red Giant. 16". Soft red.....	52.50	42.50

Darwin Tulips

	Per 1000	
	12/up	11/12
Afterglow. 28". Orange rose.....	\$60.00	\$50.00
*All Bright. 24". Bright red.....	42.50	35.00
*Bartigon. 24". Clear crimson red.....	42.50	35.00
*Campfire. 24". Blood red.....	42.50	35.00
Charles Needham. 24". Brilliant red.....	55.00	45.00
City of Haarlem. 28". Scarlet.....	55.00	45.00
Clara Butt. 24". Salmon, rosy pink.....	55.00	45.00
*Cordell Hull (Rembrandt). 24". Red on white	52.50	42.50
Cote D'Azure. 24". Lilac blue.....	55.00	45.00
*Demeter. 28". Reddish purple, early.....	67.50	60.00
Eclipse. 26". Crimson maroon.....	55.00	45.00
Farncombe Sanders. 28". Scarlet.....	52.50	42.50
Insurpassable. 26". Lilac	67.50	60.00
La Tulipe Noire. 26". Purple black.....	55.00	45.00
*Niphatos. 26". Soft sulphur yellow.....	52.50	42.50
*Philip Snowdon. 24". Light carmine rose.....	42.50	35.00
*Princess Elizabeth. 26". Rose.....	52.50	42.50
*Prunus. 24". Salmon pink.....	42.50	35.00
Queen of Night. 28". Deep velvet maroon....	57.50	47.50
Red Pitt. 24". Bright red.....	52.50	42.50
*Rose Copeland. 24". Lilac rose.....	42.50	35.00
Sunkist. 26". Deep golden yellow.....	52.50	42.50
The Bishop. 28". Violet purple.....	75.00	65.00
*Utopia. 22". Cardinal red.....	52.50	42.50
*Victoire de Oliviera. 26". Deep crimson....	42.50	35.00
*Wm. Copeland. 24". Lavender.....	42.50	35.00
*Wm. Pitt. 24". Brilliant carmine.....	52.50	42.50
Zwanenburg. 26". Ivory white.....	60.00	50.00
Choice Mixture.	42.50	35.00

NARCISSI

All Narcissi packed as follows:

Daffodils DN No. 1.....	500 per unit (case)
Daffodils DN No. 2.....	750 per unit (case)
Poetaz DN No. 1.....	750 per unit (case)
Poetaz DN No. 2.....	1250 per unit (case)

Double Daffodils

	Per 1000.	
	DN No. 1	DN No. 2
Texas. Yellow and fiery orange.....	\$105.00	\$85.00
Twink. Creamy white and orange.....	95.00	75.00

Trumpet Daffodils

	Per 1000	
	DN No. 1	DN No. 2
Golden Harvest. Golden yellow.....	\$105.00	\$85.00
King Alfred. Golden yellow.....	95.00	75.00
Mrs. E. H. Krelage. Creamy white.....	105.00	85.00
Queen of Bicolors. White, yellow trumpet....	105.00	85.00
Rembrandt. Dark golden yellow.....	97.50	77.50
Roxane. Pure white	125.00	105.00

Poetaz Narcissi

	Per 1000	
	DN No. 1	DN No. 2
Cheerfulness. White and yellow center.....	\$62.50	\$50.00
Geranium. White, deep orange-red cup.....	70.00	60.00
Laurens Koster. White, yellow cup.....	62.50	50.00

BOOST YOUR BULB SALES NEXT FALL
SPECIAL HOLLAND BULB COLLECTION FOR RESALE

1,050 BULBS for \$50.00

Colored posters to help your sales come with each collection. Order now and be sure of getting your bulbs in time for counter sales next fall.

25 each Hyacinths Blue, Pink, White.

125 Tulips Bartigon. Bright red.

125 Tulips Philip Snowdon. Deep rose.

125 Tulips All Bright. Deep red.

125 Tulips Wm. Copeland. Lavender.

125 Tulips Carrara. Pure white.

125 Tulips Golden Harvest. Lemon Yellow.

125 Tulips Her Grace. Pink and white.

100 Daffodils King Alfred. Golden yellow.

Should any varieties be sold out when your order is received, we will substitute with equally good or better named varieties. C.O.D. orders must be accompanied by 50% cash in advance. Prices are F.O.B. Chicago or New York.

Ball-Grown Small Plants

We are pleased to again offer the 2 1/4 in. stock listed below—grown by us at West Chicago. All plants are grown in Ball Better Bands and shipped in our Ball-Pak (pat. applied for).

Here's what this modern method means to you:

- Arrival in good condition—over a million plants successfully shipped already.
- Busy?—Your Ball-Pak plants need not be potted or benched the day you get them. Just set flat and all out on a bench until you have more time.



←Vic Ball shows the unique method we use in shipping all our small plants. It's our famous Ball-Pak; the most modern plant packing system used by any plant shipper today.



Each Ball-Pak contains 2 of these 25 band PlanTrays. Your small Begonias from Ball's will be just like the beauties pictured here. All other small plants are packed the same way.

SNAPS

Available Aug. 20 to Mar. 1.

Varieties: New Ball Hybrid White, Pink, Rose, Lavender, Bronze, Yellow and Red. (Because of seed shortage we are able to offer plants only this season of the new Ball Hybrids—except Yellow and Red. Seed of these two should be ready early July—see page 2.)

Also following standards: White Wonder Imp., Margaret, Dorcas Jane, Peggy Schumann, Christmas Cheer, Cheviot Maid No. 33, Ethel, Afterglow, Better Times, Ball Lavender and Assorted.

\$7.00 per 100, \$60.00 per 1000. 250 @ 1000 rate. Minimum order 100; 25 of a variety.

BEGONIAS

Available Sept. 1 to June 1.

Varieties: Adeline, Ball Deep Rose, Ball Red, Luminosa Compacta, Indian Maid, Carmen, Ball White and Assorted.

\$9.00 per 100, \$80.00 per 1000. 250 @ 1000 rate. Minimum order 100; 25 of a variety.

PRIMULA OBCONICA

Available July 1 to Dec. 1.

Varieties: Fasbender's Red, Mueller's Rosea, Coerulea (blue), White and Assorted.

\$10.00 per 100, \$90.00 per 1000. 250 @ 1000 rate. Minimum order 100; 25 of a variety.

ORDER EARLY!

The good varieties always sell out first. Get your needs in now!

BALL BETTER PLANT BANDS

—are ideal for all growing-on stock. You'll need them for your Snaps, Cinerarias, Begonias, Primulas, Cyclamen—and they're really tops for young Perennials.

NURSERYMEN!—Don't miss the many advantages of these sturdy wood veneer bands. They'll last for months in moist soil.

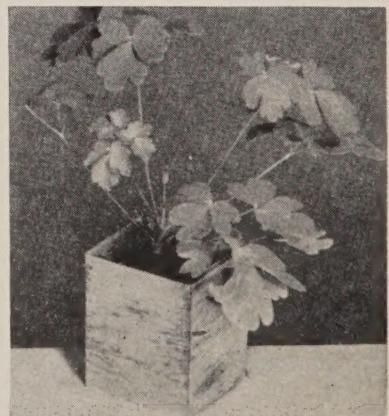
Size Wt. per 1000 FOB Mid-West
Per 2000 Unit

1 3/4x2	16 lbs.	\$ 7.90		
1 3/4x2 1/2	18 lbs.	8.40		
2x2	18 lbs.	8.20		
2x2 1/2	18 lbs.	9.40		
2x3	20 lbs.	9.90		
2 1/2x2 1/2	24 lbs.	10.20		
2 1/2x3	29 lbs.	10.60		
			On these items please be sure to order in units of 2000	\$ 9.20 9.00 10.30 10.90 11.20 11.70

Quantity discounts: 2000 to 49,000 net; 50,000 to 200,000 5%; over 200,000 10%. Specify Express, Freight or Truck shipment.

Write for samples and descriptive circulars listing many additional sizes of Bands and PlanTrays together with prices—or see our January 1949 catalog.

Ball Better Bands are easily removed at planting time.



Young perennials in bands will find a ready sale during spring months.

All Double Petunias

Those nicely flowered, bushy 4 and 5 in. All-Double Petunias for Easter are produced from an Oct. to Nov. sowing, grown cool. Their remarkable popularity has been won both by their attractiveness as spring pot plants and their ability to "take it" as outdoor bedding plants even where summers are hot.

Germination is the one point in their culture that must be watched closely. Sow in finely sifted light material without soil covering. Constant attention to moisture and shading should bring them thru in a week or 10 days. Further suggestions are on every seed packet.

CANADIAN ALL-DOUBLES

(SEED READY NOW)

***Canadian Mixture.** This superior strain produces 100% double flowers on dwarf, compact plants and is highly effective for pots or bedding. In this blend are rose, pink, salmon, white and mauve. $\frac{1}{2}$ tr. pkt., \$1.80; tr. pkt., \$3.00; 1/128 oz., \$6.50; $\frac{1}{64}$ oz., \$11.70.

***America.** Freely produces medium sized carnation-flowered blooms of a pleasing deep rose color. $\frac{1}{2}$ tr. pkt., \$1.25; tr. pkt., \$2.00; $\frac{1}{64}$ oz., \$6.50; $\frac{1}{32}$ oz., \$11.70.

Colossal Shades of Rose. The largest All-Double Petunia. $\frac{1}{2}$ tr. pkt., \$1.50; tr. pkt., \$2.50; 1/128 oz., \$5.00; $\frac{1}{64}$ oz., \$9.00.

Rose of Canada. Fully double, bright medium to deep rose flowers about 3 inches across are freely produced on compact bushy plants. Here's your chance to grow all the spring pot plants you need of the most popular color in Double Petunias.

Northern Lights. Includes a wide range of rose and pink shades, a few with white markings—no magenta. Ideal bushy pot plant habit with 3 inch, fully double flowers.

Prices above 2, each: $\frac{1}{2}$ tr. pkt., \$1.80; tr. pkt., \$3.00; 1/128 oz., \$6.50; $\frac{1}{64}$ oz., \$11.70.

PAN-AMERICAN ALL-DOUBLES

(SEED READY NOW)

***Allegro.** Medium to large, fully double flowers of clear, bright salmon are carried on fairly dwarf plants. A new and attractive color in the All-Double class.

***Caprice.** Medium sized, deep rose flowers are freely produced on bushy, compact plants of uniform habit.

***Sonata.** Extra large, fully double, pure white flowers. Not as compact in growth as above two, and should be pinched.

Minuet. Medium sized lavender. Tall; should be pinched.

Nocturne. Semi-double, deep Elk's Pride purple. The medium large flowers are borne on vigorous plants.

Prices last 5, each: $\frac{1}{2}$ tr. pkt., \$2.50; tr. pkt., \$4.00; 1/128 oz., \$7.60; $\frac{1}{64}$ oz., \$14.45.

Glorious Mixture. Contains both tall and dwarf types in all the above colors. In transplanting, be sure to use both large and small seedlings, thus insuring a complete range of colors. $\frac{1}{2}$ tr. pkt., \$2.00; tr. pkt., \$3.50; 1/128 oz., \$6.65; $\frac{1}{64}$ oz., \$12.60; $\frac{1}{32}$ oz., \$24.00.

VICTORIOUS ALL-DOUBLES

(SEED READY IN NOVEMBER)

***Illumination.** Large well fringed flowers of bright red with scarlet sheen. The brightest of all Victorious Petunias.

***Mayflower.** A delicate rose color with deeper veining which gradually fades toward the outer edge. Very large.

***Orange.** A typical large flowered Victorious Petunia. Majority are bright orange with some lighter colored.

Prices above 3, each: $\frac{1}{2}$ tr. pkt., \$2.25; tr. pkt., \$4.00; 1/128 oz., \$8.50.

***Pink Perfection** (World Beauty). Improves the pre-war strain in deeper rose color and more uniformly dwarf growth.

***Gaiety.** Fairly dwarf and compact with large flowers irregularly blotched deep rose and white. Very attractive.

***Snowball.** Extra large, well fringed clear white flowers. Somewhat more compact in growth than the pre-war strain.

***Blue Brocade.** Dwarf and compact with fringed flowers of rich Elk's Pride purple. Somewhat later than other varieties.

Orchid Beauty Improved. Silvery lilac shading to rich orchid. Extra large flowered, and dwarf.

Purple and White. Large blotched velvety purple and white.

The Vein. Soft lavender, veined purple. Dwarf and compact.

***Victorious Mixture.** A complete and bright mixture of colors in the dwarf large flowered Victorious class. Very fine.

Prices above 8, each: $\frac{1}{2}$ tr. pkt., \$2.00; tr. pkt., \$3.50; $\frac{1}{64}$ oz., \$11.00; $\frac{1}{32}$ oz., \$21.00.

Triumphant Mixed. Somewhat taller than the above mixture. Huge flower size. $\frac{1}{2}$ tr. pkt., \$1.50; tr. pkt., \$2.50; $\frac{1}{64}$ oz., \$7.50; $\frac{1}{32}$ oz., \$13.60.



You can't beat Double Petunias for spring pot plants—they're easily grown, and in flower they sell on sight. Sow Oct.-Nov. and grow 'em cool near the glass.



From a painting by Walter Haskell Hinton

BEGONIA *Ball Red*

"most showy of all semperflorens"

Compare it with any other red and it alone will be found as a pure glowing scarlet—no rose shading.

And—extra large flowers and compact habit. It inherits from its King of the Reds parent the same tendency to some decay of foliage. If soil and atmospheric moisture are controlled—watering done early in the day with no more used than actually needed, and well aired—you'll have no trouble. Ball Red is more than worth this precaution. Sown in June, you'll have fine 4-inch plants of brilliant red for Christmas. Tr. pkt., \$1.25; 1/64 oz., \$2.75; 1/32 oz., \$5.00.

2-INCH BANDED BEGONIAS FOR SHIPPING YOU IN OUR "BALL-PAK"

We are extensive producers of Begonias in 2-inch bands. They are all shipped in our very efficient "Ball-Pak" at no added cost. If in need of perfect plants, finished with extra spacing, and well packed, let's hear from you. All popular varieties are available from September to June. \$8.00 per 100, \$75.00 per 1000.

Gro. J. Ball
INC.
WEST CHICAGO
ILLINOIS